



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 40] नई दिल्ली, शनिवार, अक्टूबर 1, 1988 (आश्विन 9, 1910)
No. 40] NEW DELHI, SATURDAY, OCTOBER 1, 1988 (ASVINA 9, 1910)

(इस भाग में खिल पृष्ठ संख्या की जारी है जिससे कि यह अलग संकलन के रूप में रखा जा सके)
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कायलिय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office Relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 1st October 1988

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates,
III Floor, Lower Parel (West),
Bombay-400 013.

The States of Gujarat, Maharashtra,
and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu
and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PTANTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu,
and the Union Territories of
Pondicherry, Laccadive, Minicoy
and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

REGISTRATION OF PATENT AGENTS

The following person has been registered as patent Agent :—

Smt. B. R. Aspandiar,
C/o. M/s. Jehangir Gulabbhai &
Bilimoria & Daruwalla,
Rajabahadur Mansion,
20, Ambala Doshi Marg,
Bombay-400 023.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates fixed under Section 135, of the Patents Act, 1970.

The 22nd August 1988

698/Cal/88. Eaton Corporation. Extended range splitter type compound transmission. (Convention dated 21st September, 1987 and 7th November, 1987) both are U. K.

699/Cal/88. Personal Products Company. Hydrophilic polymers for incorporating deodorants into absorbent structures.

700/Cal/88. General Electric Company. Bimodal Swirler injector for a gas turbine combustor.

701/Cal/88. P. H. Glatfelter Company. Smoking article wrapper and method of making same.

702/Cal/88. Asea Brown Boveri Aktiengesellschaft. Power semiconductor component.

703/Cal/88. Communications Satellite Corporation. Method of orienting a synchronous satellite.

704/Cal/88. W. Haking Enterprises Limited. Miniature 110 camera with four-panel wrapper.

The 23rd August 1988

705/Cal/88. Shiba Pada Bhattacharjee. Pressure sealing in the feed-in and feed-out openings of unfired pressure vessel for treatment of Tow Band in the manufacturing process of Acrylic fibre.

706/Cal/88. General Electric Corporation. Television signal encoded with auxiliary vertical-temporal information.

707/Cn1/88. Tsentralnaya Opytno-Metodicheskaya Expeditsiya Objedinenia "Ressopetsgeologiya". Vaulted, building structure.

708/Cal/88. Metallgesellschaft Aktiengesellschaft. Fluidized bed Plant.

709/Cal/88. Hoechst Aktiengesellschaft. Process for the preparation of 4, 4-dlazo compounds of 3, 3-dialkoxyphenyls. [Divisional dated 25th March, 1986].

710/Cal/88. Southwest Research Institute. Calculation of calcium carbonate and blends thereof.

The 25th August 1988

711/Cal/88. Serata Geomechanics, Inc. Stress control mining method and apparatus.

The 26th August 1988

712/Cal/88. Goldstar Co. Ltd. Sound trap circuit for multiplex broadcasting TV receiver.

713/Cal/88. Goldstar Co. Ltd. Intermediate frequency converter circuit for multiplex broadcasting TV receiver.

714/Cal/88. Mrs. Gerhild Schlotter. Bobbin.

715/Cal/88. Mrs. Gerhild Schlotter. Bobbin (Bobbin with screw channel shaft).

716/Cal/88. Copeland Corporation. Rotor balancing.

717/Cal/88. Fidia S.p.A. A process for the preparation of a mandeoxide derivative [Division of appl. dated 26th June, 1985].

The 29th August 1988

718/Cal/88. Hoechst Aktiengesellschaft. A process for the reduction of the ionogenic heavy metal content in the preparation of metal complex dyes-tuffs.

719/Cal/88. (1) KSB Aktiengesellschaft. (2) Lowara SPA. Centrifugal pump impeller.

720/Cal/88. General Electric Company. Extended definition widescreen television signal processing system. (14th September 1987) U. K.

The 30th August 1988

721/Cal/88. Yeda Research and Development Company Limited. A process for the production of a pharmaceutical composition for the treatment of amaebiasis.

722/Cal/88. Danieli & C. Officine Meccaniche SpA. Casting method for a continuous casting machine of a reduced height and consequential immersed teeming nozzle.

723/Cal/88. Daya Ranjit Senanayake. Personal identification system.

724/Cal/88. Maag Gear-wheel & Machine Company Limited. Cutting or drawing tool.

725/Cal/88. Krone Aktiengesellschaft. Thermal protection device for overvoltage suppressors mounted in overvoltage suppressor magazines of communication systems.

726/Cal/88. Owens-Corning Fiberglas Corporation. An apparatus for forming a plurality of glass fibers.

The 31st August 1988

727/Cal/88. Hoechst Aktiengesellschaft. Process for the preparation of oxethylmecaptobenzaldehydes and their oxidation products.

728/Cal/88. Loram Maintenance of Way, Inc. Rail grinding machine.

729/Cal/88. Abhijit Bhattacharyya. Bi-cycle trailer.

730/Cal/88. Westinghouse Electric Corporation. Improvements in or relating to butt-lap-step core joint.

731/Cal/88. Northern States Power Company. Cogeneration process for production of energy and iron materials, including steel.

732/Cal/88. Andrew Savva. Thermal ceramics and uses therefor. (Convention dated 31st August, 1987) Australia.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, 11TH FLOOR, KAROL BAGH, NEW DELHI-110005.

The 8th August 1988

718/Del/88. M. J. Quinlan & Associates Pty. Ltd. "A method of snack food manufacture".

679/Del/88. Pfizer Hospital Products Group, Inc., "Devices and method for neural signal transmission."
 , Del/88. Om Shiv Sharma, "Methods to put out fires, including that of oil wells".

The 9th August 1988

681/Del/88. Jacques Dulud, "A tape recorder of the type using magnetic cards".
 681/Del/88. Imperial Chemical Industries Plc., "Explosive expansion of metal tubes". (Convention date 18-9-87) (U. K.).
 683/Del/88. Linotype Ltd., "Improvements relating to printing". (Convention date 12th August, 1987) (U. K.).
 684/Del/88. Allied-signal Inc., "Polyamide compositions with high impact strength at low temperatures".
 685/Del/88. Novophalt Overseas S. A., "A process for preparing a bituminous binder modified with synthetics for construction materials."
 686/Del/88. Imperial Chemical Industries Plc., "Joining metal tubes." (Convention date 21st September, 1987) (U.K.).

The 10th August 1988

687/Del/88. Pritam Pal Singh, "Cooling or heating a room air with teferable humidity range and extra utility".
 688/Del/88. Hardy Spicer Ltd., "Constant velocity ratio universal joint". (Convention date 20th August, 1987) (U. K.).
 689/Del/88. Warner-Lambert Co., "Shaped articles made from pre-processed starch". (Convention date 18th August, 87) (U. K.).
 690/Del/88. Vsesojuzny Nauchno-Issledovatel'skyj Proektnyj Institut Aljuminievoj Magnievoj i Elektro-dnoin Promyshlennosti, "Apparatus for mixing liquid."
 691/Del/88. American Colloid Company, "Improved process for preparing water-absorbing resins".
 692/Del/88. Liberty Technology Center, Inc., "System for evaluating the condition and performance of a valve and valve operator combination and sensor for measuring forces on a valve stem".

The 11th August 1988

693/Del/88. Annu Autos, "A seat assembly for use with a two wheeler vehicle".
 694/Del/88. National Research Development Corporation, "Molluscicides". (Convention date 11th August, 1987) (U. K.).
 695/Del/88. Amoco Corporation, "Radiation detection system".

The 12th August 1988

696/Del/88. Director, National Sugar Institute, "A process for refining of crude sugarcane wax".
 697/Del/88. Cllicable Materials Corporation, "A method of producing a powder metallurgy article". [Divisional date 26th July, 1982].
 698/Del/88. Denny Bros. Printing Ltd., "Adhesive label or leaflet assemblies". (Convention date 13th August, 1987) (U. K.).
 699/Del/88. PPG Industries, Inc., "Coated article for reflectance or solar energy". [Divisional date 26th November, 1985].

700/Del/88. Union Carbide Corporation, "Turndown control method for membrane separation systems".

701/Del/88. Union Carbide Corporation, "Improved pressure swing adsorption process".

APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH, 61, WALLAJAH
ROAD, MADRAS-600 002

The 16th August 1988

582/Mas/88. K. A. Ranghachary, Doctors' special operation time light.
 583./Mas/88. K. A. Ranghachary, Fancy bed room light.
 584/Mas/88. K. A. Ranghachary, Electric dubakkal or benzoin gum stand.
 585/Mas/88. Lakshminarayananapuram Gopala Iyer Vaidyanathan, Improvement in or relating to the manufacture of water-soluble modified melamine-resorcinol-formaldehyde resin as workability aid for cementitious materials.

586/Mas/88. Sree Chitra Tirunal Institute for Medical Sciences & Technology, Rigid shell bubble type blood oxygenator.
 587/Mas/88. Mobil Oil Corporation, Small crystal ZSM-5 and its preparation from non-organic reaction mixtures.

The 17th August 1988

588/Mas/88. Minnesota Mining and Manufacturing Company, Pressure-sensitive adhesive composition, tape and diaper closure system.

The 18th August 1988

589/Mas/88. Cabot Corporation, Process for producing carbon black.
 590/Mas/88. Pilkington plc, Coating glass. (August 28, 1987; United Kingdom).

591/Mas/88. BASF Aktiengesellschaft, Workup of distillation residues from the purification of caprolactam.

The 19th August 1988

592/Mas/88. FMC Corporation, Pressure energized / pressure intensified casing seal.

ALTERATION OF DATE

163480. Ante dated to 22nd July, 1983.
 (920/Cal/86)

163518. Ante dated to 2nd December, 1983.
 (703/Cal/86)

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Metropolitan Track Engineering Works to the grant of a Patent application No. 161934 made by Thos Ward (Railway Engineers) Ltd.

(2)

An opposition has been entered by Consultants Combine Private Ltd. to the grant of a patent application No. 161934 made by Thos Ward (Railway Engineers) Ltd.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the patent office, Calcutta, and its branches at Bombay, Madras and New Delhi at two rupees per copy :—

(1)

156936 156937 156938 156939 156940 156941 156942
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 156950 156951.

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156952 156953 153954 156955 156956 156957 156958
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 156994 156995 156996 156997 156998 156999 157000
 157001 157002 157003 157004 157005 157006 157007
 157008 157009 157010 157011 157012 157013 157014
 157015 157016 157017 157018 157019 157020

PATENTS SEALED

149042 156407 159067 159514 159515 159816 160110
 160233 160234 160447 160617 160696 160745 160921
 161112 161124 161139 161144 161160 161201 161241
 161259 161272 161273 161274 161275 161276 161277
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 161492 161493 161497 161498 161511 161512 161518
 161595 161596 161679 161691 161758 161865 161937

No. of patents sealed monthwise from 1st January, 1988 to 26th August, 1988.

	JAN.	FEB.	MARCH	APRIL
INDIAN	54	56	67	45
FOREIGN	185	118	133	138
TOTAL :	239	174	200	183

MAY	JUNE	JULY	AUGUST	TOTAL
100	108	87	76	593
224	280	329	234	1641
324	388	416	310	2234

AMENDMENTS PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Council of Scientific & Industrial Research, New Delhi has/have made an application on form-29 under section 57 of The Patents Act, 1970 for amendment of specification of their application for patent No. 160755 (59/D/85) for A process for making new absorbable haemostatic dressing from tarmind seed polyose. The amendments are by way of correction and explanation. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005, or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110 005. If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

139922	142385	142815	142863	143118	143258	143442
143598	143891	143915	144034	144057	144058	144438
144629	144640	144819	145165	145183	145201	145298
145409	145426	145819	145975	146034	146035	146257
146315	146509	146642	146859	146933	147047	147214
147712	147757	147903	147905	148144	148161	148203
148709	148738	148769	148857	149156	149228	149470
149694	149992	150102	150224	150297	150626	150644
150700	150784	151375	151682	151797	151798	152035
152290	152389	152411	152633	152777	152956	153004
153142	153440	153517	153691	153910	153942	153970
153971	153972	154055	154147	154235	154295	154296
154310	154338	154381	154445	154518	154611	154780
155006	155081	155242	155483	155841	155939	155975
156445	156572	156573	156656	156664	156777	156784
156793	156823	156842	156931	156957	156978	156987
156992	157174	157244	157311	157312	157409	157479
157553	157687	157810	157842	157843	157844	157846
157969	157970	158006	158058	158083	158278	158327
158334	158340	158490	158588	158839	158854	158864
158900	158924	158926	158932	159012	159021	159019
159165	159402	159403	159546	159590	159668	159693
159722	159728	159789	159935	160071	160076	160615
160751	160848	160855	161010	161050	161061	161066
161069	161072	161084	161086	161087	161119	161179
161225	161227	161247	161249	161610		

CESSATION OF PATENTS

142806	142807	142808	142809	142810	142812	142814
142817	142821	142822	142829	142830	142832	142834
142838	142839	142843	142845	142846	142848	142851
142854	142856	142857	142858	142861	142862	142864
142865	142867	142868	142870	142871	142872	142873
142874	142875	142876	142880	142881	142882	142883
142885	142886	142889	142893	142894	142895	147373.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 156883 dated the 21-8-81 made by Dennison Manufacturing Co., on the 9th June 1987 and notified in the Gazette of India, Part III, Section 2 dated the 31-10-87 has been allowed and the said Patent restored.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 157032 granted to Nozer Kerman Desai for an invention relating to "device for increasing the efficiency in shell boilers."

The patent ceased on the 25-11-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 30-7-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st December 1988 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156836 granted to Unisystems Private Limited for an invention relating to "a pouch and its manufacture thereof."

The patent ceased on the 21-6-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 30-7-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st December 1988 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156843 granted to Unisystems Private Limited for an invention relating to "improvements in or relating to pouches or packets and to a method of manufacturing the same."

The patent ceased on the 29-6-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 30-7-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st December 1988 under Rule 69 of the Patents Rules,

A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 151827 granted to IDL Chemicals Limited for an invention relating to "a method of preparing a primary or initiating explosive."

The patent ceased on the 11-5-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 30-7-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st December 1988 under Rule 69 of the Patents Rules,

A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 15202 granted to Binny Limited for an invention relating to "a combined rice aspirator and sieve."

The patent ceased on the 2-6-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 30-7-88.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 1st December 1988 under Rule 69 of the Patents Rules,

A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application for restoration of Patent No. 154852 dated the 29th September 1980 made by Shri Ram Institute for Industrial Research on the 24-9-87 and notified in the Gazette of India, Part III, Section 2 dated the 9-1-88 has been allowed and the said Patent restored.

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 159461. Messers Classic Collections, Sole proprietary Concern, whose address is 216-C, Mayur Building, Sodawala Lane, S. V. P. Road, Borivli (West), Bombay-400 096, in the State of Maharashtra. "Black Head Remover". 7th March, 1988.

Class 1. No. 159603. Ramakrishna Metal Works, A-325, Amar Puri, Navi Karim, Delhi-110 006, India, a proprietorship firm. "Gear Box for the Floor Grinding/Polishing Machine". 15th April, 1988.

Class 1. No. 159674. Korse (India) Limited, a Company incorporated under the Companies Act, having its registered office at Plot No. 10, Off-Dr. E. Moses Road, Worli, Bombay-400 018, in the State of Maharashtra, within the Union of India. "Paper Clips". 5th May, 1988.

Class 1. No. 159687. Camlin Limbited, carrying on business at Camlin House, J. B. Nagar, Andheri (E), Bombay-400 059; Maharashtra State, India. "Compass and Divider". 11th May, 1988.

Class 1. No. 159739. Dev Agro Tools Private Limited, 307, Shantinagar, Akkithimmanahalli, Bangalore-560 027, Karnataka State, An Indian Company. "Sickle". 24th May, 1988.

Class 1. Nos. 159792 & 159793. Rathindra Narayan Dey, an Indian and sole proprietor of Sarada Industries of 36, Strand Road, 1st Floor, Calcutta-700 001, West Bengal, India. "Multi Row Hand Seed Drill". 13th June, 1988.

Class 1. No. 159880. Rathindra Narayan Dey, an Indian and sole proprietor of Sarada Industries of 36, Strand Road, 1st Floor, Calcutta-400 001, West Bengal, India. "Paddy Thresher". 28th June, 1988.

Class 3. No. 159213. Eagle Flask Private Limited, an Indian Company, at Eagle Estate, Talegaon 410 507, District, Pune, Maharashtra State, India. "Water Bottle". 28th December, 1987.

Class 3. No. 159409. M/s. Blorens, 10-A, Rani-Ka-Bagh, State Bank Road, Amritsar, Indian Partnership concern registered under the Indian Partnership Act. "Lens". 23rd February, 1988.

Class 3. No. 159437. Messers B. R. Plastics, 314, A to Z Industrial Estate, 3rd Floor, Fergusson Road, Bombay-400 013. (A registered Partnership concern) Maharashtra, India. "Soap Box". 26th February, 1988.

Class 3. No. 159462. Messers Classic Collections, Sole proprietary "Concern, whose address is 216-C, Mayur Building, Sodawala Lane, S. V. P. Road, Borvili (West), Bombay-400 096, in the State of Maharashtra, within the Union of India. "Frame with Mirror". 7th March, 1988.

Class 3. No. 159668. Milton Plastics, a registered Indian Partnership Firm, registered under the Indian Partnership Act, 1932, having office at 202/203, "Raheja Centre", 214, Nariman Point, Bombay-400 021, Maharashtra, India. "Tiffin Carrier". 4th May, 1988.

Class 3. 159669. Milton Plastics, a registered Indian Partnership Firm, registered under the Indian Partnership Act, 1932, having office at 202/203, "Raheja Centre", 214, Nariman Point, Bombay-400 021, Maharashtra, India. "Flower Vase". 4th May, 1988.

Class 3. No. 159675. Korse (India) Limited, a Company incorporated under the Companies Act, having its registered office at Plot No. 10, Off. Dr. E. Moses Road, Worli, Bombay-400 018, in the State of Maharashtra, within the Union of India. "Paper Clips". 5th May, 1988.

Class 3. No. 159816. Anjali Products, 170 Bombay Talkies Compound, Malad (West), Bombay-400 064, State of Maharashtra, India. "A Cassette Stand". 15th June, 1988.

Class 6. No. 159815. Wavaco Enterprises, 326 Allied Industrial Estate, Bombay-400 016, State of Maharashtra, India, a proprietary concern. "A Watch strap". 15th June, 1988.

Extn. of Copyright for the Second period of five years.

No. 155574.	Class-1.
Nos. 155165, 155164, 155202, 155657, 156795, 157138, 155513, 155412, 155413.	Class-3.
Nos. 155364, 155365, 155366, 153879, 153880, 153882,	Class-4.

Extn. of Copyright for the Third Period of five years

No. 155574, 146983.	Class-1.
Nos. 155165, 155164, 147696, 155202, 155657, 156795, 157138, 155513, 146956.	Class-3.
Nos. 155364, 155365, 155366,	Class-4.
No. 146455.	Class-5.

NUMBER INDEXES IN RESPECT OF COMPLETE SPECIFICATION ACCEPTED DURING THE YEAR 1984 (Numbers from 152391 to 155100)		1979—Contd.	1979—Contd.
1975	818/Cal/79	153468	1150/Cal/79
1144/Cal/75	819/Cal/79	153566	1160/Cal/79
35/Cal/76	821/Cal/79	152967	1164/Cal/79
38/Cal/76	822/Cal/79	152901	1166/Cal/79
1976	827/Cal/79	153567	1168/Cal/79
112/Cal/76	832/Cal/79	152815	1174/Cal/79
161/Cal/76	833/Cal/79	153194	1178/Cal/79
265/Cal/76	851/Cal/79	154605	1179/Cal/79
376/Cal/76	854/Cal/79	152902	1180/Cal/79
468/Cal/76	859/Cal/79	152966	1191/Cal/79
769/Cal/76	870/Cal/79	152553	1193/Cal/79
791/Cal/76	890/Cal/79	153151	1205/Cal/79
1977	891/Cal/79	153152	1206/Cal/79
1030/Cal/77	892/Cal/79	153835	1214/Cal/79
1978	893/Cal/79	153836	1221/Cal/79
522/Cal/78	895/Cal/79	152665	1226/Cal/79
1100/Cal/78	897/Cal/79	152666	1231/Cal/79
1343/Cal/78	898/Cal/79	153837	1233/Cal/79
318/Del/78	900/Cal/79	153838	1244/Cal/79
732/Del/78	901/Cal/79	153839	1245/Cal/79
809/Del/78	906/Cal/79	153404	1258/Cal/79
1979	908/Cal/79	153667	1259/Cal/79
81/Cal/79	918/Cal/79	152968	1266/Cal/79
141/Cal/79	919/Cal/79	152903	1267/Cal/79
174/Cal/79	920/Cal/79	152904	1271/Cal/79
179/Cal/79	940/Cal/79	153568	1274/Cal/79
183/Cal/79	946/Cal/79	153668	1275/Cal/79
208/Cal/79	948/Cal/79	152488	1276/Cal/79
229/Cal/79	950/Cal/79	153259	1279/Cal/79
257/Cal/79	954/Cal/79	152982	1280/Cal/79
271/Cal/79	962/Cal/79	152403	1281/Cal/79
310/Cal/79	969/Cal/79	153153	1283/Cal/79
348/Cal/79	970/Cal/79	153195	1293/Cal/79
476/Cal/79	971/Cal/79	153285	1294/Cal/79
501/Cal/79	977/Cal/79	152930	1296/Cal/79
524/Cal/79	980/Cal/79	152425	1306/Cal/79
525/Cal/79	981/Cal/79	153319	1307/Cal/79
532/Cal/79	983/Cal/79	153520	1311/Cal/79
537/Cal/79	986/Cal/79	153921	1313/Cal/79
538/Cal/79	991/Cal/79	154344	1316/Cal/79
551/Cal/79	996/Cal/79	152667	1319/Cal/79
569/Cal/79	997/Cal/79	152776	1320/Cal/79
575/Cal/79	1001/Cal/79	152905	1326/Cal/79
584/Cal/79	1009/Cal/79	153881	1330/Cal/79
613/Cal/79	1014/Cal/79	154838	1333/Cal/79
631/Cal/79	1028/Cal/79	153405	1343/Cal/79
649/Cal/79	1032/Cal/79	153063	1346/Cal/79
666/Cal/79	1035/Cal/79	153840	1349/Cal/79
691/Cal/79	1038/Cal/79	152983	1353/Cal/79
692/Cal/79	1040/Cal/79	152640	1354/Cal/79
693/Cal/79	1059/Cal/79	152732	1355/Cal/79
694/Cal/79	1066/Cal/79	153154	1356/Cal/79
771/Cal/79	1067/Cal/79	152725	1358/Cal/79
778/Cal/79	1068/Cal/79	154047	1359/Cal/79
780/Cal/79	1071/Cal/79	153155	1360/Cal/79
798/Cal/79	1074/Cal/79	153260	1362/Cal/79
805/Cal/79	1080/Cal/79	152940	26/Bom/79
812/Cal/79	1097/Cal/79	152753	1980
816/Cal/79	1105/Cal/79	152510	26/Cal/80
	1112/Cal/79	153638	29/Cal/80
	1113/Cal/79	153195	31/Cal/80
	1119/Cal/79	152592	32/Cal/80
	1120/Cal/79	152726	33/Cal/80
	1122/Cal/79	152489	38/Cal/80
	1123/Cal/79	153193	39/Cal/80
	1139/Cal/79	153882	42/Cal/80
	1146/Cal/79	154129	58/Cal/80

1980—Contd.		1979—Contd.	
62/Cal/80	152430	252/Cal/80	153065
64/Cal/80	153714	253/Cal/80	152645
68/Cal/80	153663	254/Cal/80	152941
69/Cal/80	152907	255/Cal/80	152756
75/Cal/80	154909	256/Cal/80	152646
79/Cal/80	152886	261/Cal/80	152492
82/Cal/80	154245	270/Cal/80	152669
85/Cal/80	154987	271/Cal/80	152972
91/Cal/80	153597		1534/Cal/79
94/Cal/80	152778	45/Del/79	155005
95/Cal/80	152779	131/Del/79	154721
103/Cal/80	153157	214/Del/79	154748
105/Cal/80	152556	267/Del/79	153586
109/Cal/80	152517	337/Del/79	153045
117/Cal/80	153913	431/Del/79	152474
119/Cal/80	152970	441/Del/79	152710
121/Cal/80	152594	443/Del/79	152993
122/Cal/80	152728	447/Del/79	152414
123/Cal/80	154183	449/Del/79	152415
128/Cal/80	153130	451/Del/79	152416
129/Cal/80	153321	452/Del/79	152417
130/Cal/80	153979	454/Del/79	152418
131/Cal/80	152518	455/Del/79	152475
132/Cal/80	152887	456/Del/79	152422
134/Cal/80	152780	457/Del/79	152538
135/Cal/80	154197	458/Del/79	152476
136/Cal/80	153598	469/Del/79	152419
141/Cal/80	153923	462/Del/79	152477
144/Cal/80	152873	466/Del/79	152420
146/Cal/80	152595	468/Del/79	152478
148/Cal/80	152557	470/Del/79	152421
149/Cal/80	152729	480/Del/79	152479
150/Cal/80	153074	483/Del/79	152391
152/Cal/80	154881	484/Del/79	152480
153/Cal/80	152452	485/Del/79	152481
155/Cal/80	152500	486/Del/79	152539
173/Cal/80	152453	491/Del/79	152444
179/Cal/80	152971	492/Del/79	152540
183/Cal/80	152642	493/Del/79	152541
188/Cal/80	152643	496/Del/79	152542
190/Cal/80	153924	498/Del/79	152608
193/Cal/80	152596	500/Del/79	152543
196/Cal/80	152431	501/Del/79	152544
197/Cal/80	152454	502/Del/79	152590
200/Cal/80	153905	504/Del/79	152545
202/Cal/80	153252	505/Del/79	152546
203/Cal/80	152501	506/Del/79	152547
204/Cal/80	154141	507/Del/79	152609
214/Cal/80	1533569	508/Del/79	152548
215/Cal/80	1533570	509/Del/79	152549
216/Cal/80	152908	510/Del/79	152550
220/Cal/80	153715	511/Del/79	152610
221/Cal/80	153158	512/Del/79	152611
226/Cal/80	152730	513/Del/79	152612
227/Cal/80	153141	515/Del/79	162613
230/Cal/80	153263	516/Del/79	152614
231/Cal/80	152519	517/Del/79	152615
232/Cal/80	152644	518/Del/79	152847
235/Cal/80	153198	519/Del/79	152848
236/Cal/80	152520	520/Del/79	152616
237/Cal/80	152597	523/Del/79	152849
238/Cal/80	152731	524/Del/79	152711
241/Cal/80	154639	526/Del/79	162713
245/Cal/80	154572	532/Del/79	152714
251/Cal/80	152704	533/Del/79	152719
		534/Del/79	152850

1979 (Contd.)	1979—Contd.	1979—Contd.	1979—Contd.	1979
635/Del/79	153103	774/Del/79	153334	879/Del/79
636/Del/79	153223	775/Del/79	153237	880/Del/79
637/Del/79	153184	777/Del/79	153335	886/Del/79
638/Del/79	153224	778/Del/79	153302	887/Del/79
662/Del/79	153380	784/Del/79	153246	893/Del/79
665/Del/79	153006	785/Del/79	153303	894/Del/79
666/Del/79	153025	786/Del/79	153385	895/Del/79
667/Del/79	153026	788/Del/79	153386	896/Del/79
668/Del/79	153007	789/Del/79	153387	898/Del/79
669/Del/79	153008	792/Del/79	153388	899/Del/79
672/Del/79	153299	795/Del/79	153389	904/Del/79
673/Del/79	153058	797/Del/79	153336	905/Del/79
675/Del/79	153185	798/Del/79	153460	912/Del/79
676/Del/79	153117	799/Del/79	153337	913/Del/79
678/Del/79	153059	801/Del/79	153390	914/Del/79
679/Del/79	153104	802/Del/79	153391	917/Del/79
680/Del/79	153027	803/Del/79	154008	918/Del/79
681/Del/79	153060	805/Del/79	153392	919/Del/79
682/Del/79	153105	806/Del/79	153393	920/Del/79
683/Del/79	153106	807/Del/79	153394	921/Del/79
684/Del/79	153107	808/Del/79	153195	923/Del/79
685/Del/79	153118	809/Del/79	154073	924/Del/79
686/Del/79	153381	810/Del/79	153396	929/Del/79
687/Del/79	153225	811/Del/79	153397	930/Del/79
688/Del/79	153226	813/Del/79	153398	931/Del/79
689/Del/79	153119	815/Del/79	153399	932/Del/79
690/Del/79	153186	816/Del/79	153400	933/Del/79
692/Del/79	153459	818/Del/79	153401	935/Del/79
694/Del/79	153329	819/Del/79	153356	936/Del/79
695/Del/79	153187	820/Del/79	153357	937/Del/79
696/Del/79	153188	821/Del/79	153358	938/Del/79
698/Del/79	153189	822/Del/79	153348	939/Del/79
699/Del/79	153802	823/Del/79	153360	940/Del/79
700/Del/79	153802	824/Del/79	153304	941/Del/79
701/Del/79	153227	827/Del/79	153361	942/Del/79
707/Del/79	153228	828/Del/79	153362	943/Del/79
708/Del/79	153229	831/Del/79	153363	945/Del/79
710/Del/79	153230	832/Del/79	153364	946/Del/79
711/Del/79	153191	833/Del/79	153365	948/Del/79
712/Del/79	153192	834/Del/79	153366	950/Del/79
718/Del/79	153231	835/Del/79	153367	952/Del/79
720/Del/79	153232	836/Del/79	153413	953/Del/79
721/Del/79	153233	840/Del/79	153368	1980
722/Del/79	153234	843/Del/79	153369	4/Cal/80
723/Del/79	153235	848/Del/79	153370	11/Cal/80
725/Del/79	153236	849/Del/79	153371	16/Cal/80
726/Del/79	153300	850/Del/79	153372	24/Cal/80
728/Del/79	153300	851/Del/79	153373	25/Cal/80
729/Del/79	153255	854/Del/79	153374	274/Cal/80
733/Del/79	153238	856/Del/79	153414	276/Cal/80
734/Del/79	153239	860/Del/79	153375	277/Cal/80
735/Del/79	153240	862/Del/79	153376	278/Cal/80
736/Del/79	153240	863/Del/79	153556	279/Cal/80
737/Del/79	153242	864/Del/79	153377	280/Cal/80
738/Del/79	153243	865/Del/79	153378	281/Cal/80
740/Del/79	153244	868/Del/79	153379	287/Cal/80
748/Del/79	153330	869/Del/79	153415	288/Cal/80
749/Del/79	153331	870/Del/79	153416	289/Cal/80
750/Del/79	153332	871/Del/79	153417	291/Cal/80
755/Del/79	153382	872/Del/79	153418	294/Cal/80
756/Del/79	152617	873/Del/79	153419	310/Cal/80
759/Del/79	153245	874/Del/79	153461	311/Cal/80
762/Del/79	153333	875/Del/79	153462	317/Cal/80
765/Del/79	153383	876/Del/79	153542	318/Cal/80
768/Del/79	153384	877/Del/79	153470	320/Cal/80
773/Del/79	153301	878/Del/79	153421	321/Cal/80
				322/Cal/80
				323/Cal/80

1980—Contd.	1980—Contd.	1980—Contd.	1980—Contd.
326/Cal/80	153470	473/Cal/80	153601
327/Cal/80	152670	474/Cal/80	612/Cal/80
329/Cal/80	154879	475/Cal/80	615/Cal/80
330/Cal/80	153471	481/Cal/80	620/Del/80
331/Cal/80	153033	484/Cal/80	621/Cal/80
333/Cal/80	152781	485/Cal/80	623/Cal/80
334/Cal/80	152789	486/Cal/80	626/Cal/80
335/Cal/80	152496	488/Cal/80	628/Cal/80
340/Cal/80	152909	489/Cal/80	632/Cal/80
351/Cal/80	154131	495/Cal/80	633/Cal/80
352/Cal/80	153308	500/Cal/80	635/Del/80
353/Cal/80	152790	501/Cal/80	637/Cal/80
354/Cal/80	152987	503/Cal/80	646/Cal/80
357/Cal/80	153927	504/Cal/80	648/Cal/80
359/Cal/80	153199	505/Cal/80	649/Cal/80
360/Cal/80	153034	506/Cal/80	651/Cal/80
366/Cal/80	152672	507/Cal/80	653/Cal/80
371/Cal/80	152694	508/Cal/80	654/Cal/80
373/Cal/80	152757	510/Cal/80	655/Cal/80
374/Cal/80	152758	511/Cal/80	656/Cal/80
376/Cal/80	154095	512/Cal/80	659/Cal/80
378/Cal/80	154246	513/Cal/80	660/Cal/80
379/Cal/80	152407	514/Cal/80	662/Cal/80
380/Cal/80	152673	515/Cal/80	663/Cal/80
381/Cal/80	152671	518/Cal/80	666/Cal/80
382/Cal/80	154606	520/Cal/80	667/Cal/80
384/Cal/80	154096	521/Cal/80	668/Cal/80
388/Cal/80	152598	524/Cal/80	669/Cal/80
390/Cal/80	153884	536/Cal/80	671/Cal/80
394/Cal/80	152859	542/Cal/80	672/Cal/80
396/Cal/80	152559	543/Cal/80	673/Cal/80
403/Cal/80	152456	544/Cal/80	675/Cal/80
405/Cal/80	152674	545/Cal/80	676/Cal/80
407/Cal/80	152888	546/Cal/80	677/Cal/80
410/Cal/80	152943	548/Cal/80	678/Cal/80
411/Cal/80	153406	551/Cal/80	679/Cal/80
412/Cal/80	153075	552/Cal/80	681/Cal/80
414/Cal/80	153492	553/Cal/80	686/Cal/80
416/Cal/80	153493	555/Cal/80	691/Cal/80
417/Cal/80	153494	558/Cal/80	693/Cal/80
419/Cal/80	152889	560/Cal/80	694/Cal/80
420/Cal/80	152759	561/Cal/80	695/Cal/80
421/Cal/80	153664	563/Cal/80	699/Cal/80
424/Cal/80	152910	565/Cal/80	702/Cal/80
428/Cal/80	153600	567/Cal/80	704/Cal/80
429/Cal/80	154142	568/Cal/80	707/Cal/80
430/Cal/80	153642	569/Cal/80	711/Cal/80
431/Cal/80	153841	573/Cal/80	713/Cal/80
434/Cal/80	153928	575/Cal/80	714/Cal/80
438/Cal/80	154650	577/Cal/80	715/Cal/80
440/Cal/80	154832	578/Cal/80	716/Cal/80
441/Cal/80	152782	579/Cal/80	717/Cal/80
443/Cal/80	152732	580/Cal/80	718/Cal/80
446/Cal/80	153131	583/Cal/80	719/Cal/80
449/Cal/80	152625	585/Cal/80	723/Cal/80
450/Cal/80	153132	587/Cal/80	724/Cal/80
455/Cal/80	153716	588/Cal/80	728/Cal/80
457/Cal/80	153571	595/Cal/80	731/Cal/80
460/Cal/80	154864	598/Cal/80	733/Cal/80
461/Cal/80	153665	599/Cal/80	734/Cal/80
464/Cal/80	152675	603/Cal/80	729/Cal/80
465/Cal/80	152911	604/Cal/80	735/Cal/80
467/Cal/80	152647	605/Cal/80	739/Cal/80
468/Cal/80	152493	607/Cal/80	741/Cal/80
470/Cal/80	153265	609/Cal/80	742/Cal/80
471/Cal/80	153266	610/Cal/80	743/Cal/80
			744/Cal/80

1980—Contd.	1980—Contd.	1980—Contd.
745/Cal/80	153069	860/Cal/80
746/Cal/80	153889	861/Cal/80
748/Cal/80	154464	863/Cal/80
750/Cal/80	152657	867/Cal/80
752/Cal/80	153644	868/Cal/80
754/Cal/80	153931	869/Cal/80
756/Cal/80	153718	872/Cal/80
760/Cal/80	152735	873/Cal/80
762/Cal/80	153160	874/Cal/80
764/Cal/80	152602	875/Cal/80
766/Cal/80	153719	878/Cal/80
768/Cal/80	153473	880/Cal/80
769/Cal/80	152736	881/Cal/80
771/Cal/80	153932	882/Cal/80
772/Cal/80	154347	884/Cal/80
774/Cal/80	152737	885/Cal/80
775/Cal/80	152803	887/Cal/80
778/Cal/80	153080	889/Cal/80
779/Cal/80	153037	890/Cal/80
780/Cal/80	154348	891/Cal/80
781/Cal/80	154465	892/Cal/80
783/Cal/80	153525	893/Cal/80
784/Cal/80	154349	894/Cal/80
785/Cal/80	153933	897/Cal/80
788/Cal/80	152503	898/Cal/80
791/Cal/80	152795	899/Cal/80
792/Cal/80	153136	902/Cal/80
793/Cal/80	153909	903/Cal/80
794/Cal/80	152435	905/Cal/80
795/Cal/80	153890	906/Cal/80
797/Cal/80	154021	907/Cal/80
798/Cal/80	152878	908/Cal/80
799/Cal/80	152894	914/Cal/80
801/Cal/80	152895	915/Cal/80
804/Cal/80	152654	916/Cal/80
805/Cal/80	152819	921/Cal/80
806/Cal/80	152458	923/Cal/80
807/Cal/80	154641	924/Cal/80
812/Cal/80	154466	925/Cal/80
813/Cal/80	152526	927/Cal/80
815/Cal/80	152494	928/Cal/80
817/Cal/80	154467	929/Cal/80
818/Cal/80	153269	930/Cal/80
822/Cal/80	152631	931/Cal/80
823/Cal/80	153474	932/Cal/80
824/Cal/80	154199	933/Cal/80
825/Cal/80	154935	935/Cal/80
826/Cal/80	154468	937/Cal/80
827/Cal/80	153573	940/Cal/80
828/Cal/80	154164	942/Cal/80
832/Cal/80	152820	943/Cal/80
835/Cal/80	153720	944/Cal/80
836/Cal/80	155091	945/Cal/80
837/Cal/80	153526	946/Cal/80
838/Cal/80	153287	947/Cal/80
840/Cal/80	152932	948/Cal/80
841/Cal/80	152879	949/Cal/80
842/Cal/80	152504	952/Cal/80
843/Cal/80	152632	953/Cal/80
847/Cal/80	154833	954/Cal/80
849/Cal/80	153574	955/Cal/80
850/Cal/80	154350	958/Cal/80
852/Cal/80	154186	963/Cal/80
853/Cal/80	153081	967/Cal/80
854/Cal/80	152738	968/Cal/80
857/Cal/80	152505	969/Cal/80

1980—Contd.	1980—Contd.	1980—Contd.
1083/Cal/80	153912	1194/Cal/80
1085/Cal/80	153272	1195/Cal/80
1086/Cal/80	153919	1196/Cal/80
1087/Cal/80	153605	1197/Cal/80
1088/Cal/80	154423	1198/Cal/80
1090/Cal/80	153722	1201/Cal/80
1091/Cal/80	154936	1202/Cal/80
1093/Cal/80	152824	1204/Cal/80
1094/Cal/80	152567	1205/Cal/80
1095/Cal/80	154023	1206/Cal/80
1097/Cal/80	152801	1208/Cal/80
1098/Cal/80	152411	1209/Cal/80
1099/Cal/80	152988	1210/Cal/80
1101/Cal/80	154530	1211/Cal/80
1102/Cal/80	154674	1212/Cal/80
1103/Cal/80	153942	1213/Cal/80
1104/Cal/80	153142	1214/Cal/80
1105/Cal/80	152708	1216/Cal/80
1106/Cal/80	154652	1217/Cal/80
1113/Cal/80	152896	1220/Cal/80
1116/Cal/80	154469	1221/Cal/80
1119/Cal/80	153133	1222/Cal/80
1122/Cal/80	153087	1223/Cal/80
1124/Cal/80	153528	1226/Cal/80
1125/Cal/80	153164	1227/Cal/80
1128/Cal/80	153109	1228/Cal/80
1129/Cal/80	154866	1229/Cal/80
1130/Cal/80	152529	1231/Cal/80
1131/Cal/80	153483	1232/Cal/80
1132/Cal/80	153475	1233/Cal/80
1133/Cal/80	154352	1236/Cal/80
1134/Cal/80	154024	1237/Cal/80
1138/Cal/80	153606	1238/Cal/80
1141/Cal/80	152530	1239/Cal/80
1143/Cal/80	154608	1240/Cal/80
1144/Cal/80	153039	1241/Cal/80
1147/Cal/80	153165	1243/Cal/80
1148/Cal/80	153943	1244/Cal/80
1149/Cal/80	153802	1245/Cal/80
1150/Cal/80	155053	1246/Cal/80
1152/Cal/80	153892	1247/Cal/80
1153/Cal/80	153166	1249/Cal/80
1156/Cal/80	152568	1250/Cal/80
1158/Cal/80	152803	1253/Cal/80
1159/Cal/80	154353	1255/Cal/80
1164/Cal/80	152507	1256/Cal/80
1165/Cal/80	152634	1257/Cal/80
1166/Cal/80	154025	1258/Cal/80
1168/Cal/80	153209	1259/Cal/80
1170/Cal/80	154354	1261/Cal/80
1172/Cal/80	152605	1266/Cal/80
1173/Cal/80	154576	1267/Cal/80
1174/Cal/80	153723	1270/Cal/80
1175/Cal/80	152933	1273/Cal/80
1176/Cal/80	153210	1274/Cal/80
1177/Cal/80	152709	1275/Cal/80
1178/Cal/80	152635	1276/Cal/80
1179/Cal/80	154835	1277/Cal/80
1180/Cal/80	153608	1278/Cal/80
1181/Cal/80	152945	1283/Cal/80
1184/Cal/80	154815	1285/Cal/80
1185/Cal/80	153724	1287/Cal/80
1187/Cal/80	154867	1290/Cal/80
1188/Cal/80	153211	1291/Cal/80
1190/Cal/80	153139	1295/Cal/80
1191/Cal/80	153134	1296/Cal/80
1193/Cal/80	154882	1297/Cal/80

1980—Contd.	1980—Contd.	1980—Contd.
1407/Cai/80	153611	373/Bom/80
1408/Cai/80	153915	374/Bom/80
1409/Cai/80	153577	382/Bom/80
1411/Cai/80	153612	288/Bom/80
1412/Cai/80	154032	393/Bom/80
1417/Cai/80	154425	402/Bom/80
1420/Cai/80	153342	101/Mas/80
1425/Cai/80	154538	102/Mas/80
1427/Cai/80	154165	108/Mas/80
1428/Cai/80	154166	152/Mas/80
1429/Cai/80	153536	162/Mas/80
1432/Cai/80	153694	175/Mas/80
1433/Cai/80	153844	203/Mas/80
1435/Cai/80	153847	221/Mas/80
1436/Cai/80	154136	226/Mas/80
1437/Cai/80	154137	1/Del/80
1438/Cai/80	153537	2/Del/80
1439/Cai/80	152806	3/Del/80
1440/Cai/80	153289	5/Del/80
1441/Cai/80	154033	8/Del/80
1442/Cai/80	153730	10/Del/80
1445/Cai/80	154653	12/Del/80
1447/Cai/80	153731	13/Del/80
1448/Cai/80	153316	16/Del/80
1450/Cai/80	153578	17/Del/80
159/Bom/80	152551	18/Del/80
164/Bom/80	152833	21/Del/80
165/Bom/80	152832	22/Del/80
171/Bom/80	152715	23/Del/80
173/Bom/80	153028	28/Del/80
193/Bom/80	153124	29/Del/80
194/Bom/80	153125	30/Del/80
197/Bom/80	153252	32/Del/80
201/Bom/80	152722	35/Del/80
212/Bom/80	152395	36/Del/80
228/Bom/80	152396	37/Del/80
238/Bom/80	153988	38/Del/80
239/Bom/80	153989	39/Del/80
247/Bom/80	152926	40/Del/80
251/Bom/80	153126	41/Del/80
260/Bom/80	153990	44/Del/80
263/Bom/80	154703	45/Del/80
265/Bom/80	152834	46/Del/80
266/Bom/80	154318	53/Del/80
277/Bom/80	153991	54/Del/80
288/Bom/80	153324	55/Del/80
289/Bom/80	153325	56/Del/80
290/Bom/80	153326	58/Del/80
294/Bom/80	152835	59/Del/80
296/Bom/80	153009	67/Del/80
302/Bom/80	152836	68/Del/80
309/Bom/80	151772	69/Del/80
310/Bom/80	153061	70/Del/80
311/Bom/80	152927	73/Del/80
312/Bom/80	152837	75/Del/80
318/Bom/80	152718	76/Del/80
325/Bom/80	153797	77/Del/80
327/Bom/80	153438	79/Del/80
328/Bom/80	154319	80/Del/80
341/Bom/80	153813	82/Del/80
342/Bom/80	154775	84/Del/80
343/Bom/80	154858	85/Del/80
349/Bom/80	152838	86/Del/80
350/Bom/80	153127	88/Del/80
		89/Del/80

1980—Contd.	1980—Contd.	1980—Contd.
203/Del/80	153825	322/Del/80
205/Del/80	153826	323/Del/80
206/Del/80	153863	324/Del/80
207/Del/80	153877	325/Del/80
208/Del/80	153878	326/Del/80
210/Del/80	153879	327/Del/80
211/Del/80	154061	330/Del/80
212/Del/80	154009	331/Del/80
213/Del/80	154010	332/Del/80
217/Del/80	154011	336/Del/80
218/Del/80	154012	337/Del/80
219/Del/80	154013	340/Del/80
220/Del/80	153827	344/Del/80
221/Del/80	153828	345/Del/80
222/Del/80	153429	346/Del/80
223/Del/80	153430	347/Del/80
225/Del/80	154014	348/Del/80
226/Del/80	154015	349/Del/80
227/Del/80	154016	356/Del/80
228/Del/80	154017	359/Del/80
229/Del/80	153980	363/Del/80
230/Del/80	153981	364/Del/80
234/Del/80	153982	365/Del/80
235/Del/80	153983	366/Del/80
236/Del/80	153984	367/Del/80
237/Del/80	154062	370/Del/80
238/Del/80	154074	372/Del/80
239/Del/80	153985	374/Del/80
240/Del/80	153986	375/Del/80
241/Del/80	154000	376/Del/80
142/Del/80	154001	377/Del/80
243/Del/80	154002	378/Del/80
244/Del/80	154063	379/Del/80
245/Del/80	154064	381/Del/80
246/Del/80	154065	383/Del/80
247/Del/80	154003	384/Del/80
248/Del/80	154004	385/Del/80
249/Del/80	154170	386/Del/80
250/Del/80	154325	387/Del/80
253/Del/80	154066	389/Del/80
254/Del/80	154067	390/Del/80
255/Del/80	154068	396/Del/80
258/Del/80	154069	397/Del/80
261/Del/80	154075	398/Del/80
263/Del/80	154301	400/Del/80
267/Del/80	154075	402/Del/80
272/Del/80	154303	403/Del/80
273/Del/80	154304	404/Del/80
279/Del/80	154405	406/Del/80
280/Del/80	154171	407/Del/80
284/Del/80	154076	408/Del/80
285/Del/80	154305	413/Del/80
288/Del/80	154306	414/Del/80
289/Del/80	154370	417/Del/80
290/Del/80	154371	418/Del/80
291/Del/80	154280	424/Del/80
292/Del/80	154281	425/Del/80
294/Del/80	154172	426/Del/80
301/Del/80	154282	428/Del/80
309/Del/80	154500	429/Del/80
311/Del/80	154173	433/Del/80
319/Del/80	154077	436/Del/80
317/Del/80	154078	437/Del/80
318/Del/80	154174	438/Del/80
319/Del/80	154079	439/Del/80
320/Del/80	154080	441/Del/80
321/Del/80	154081	442/Del/80
	154283	446/Del/80
	154082	453/Del/80
	154175	454/Del/80
	154176	456/Del/80
	154177	457/Del/80
	154178	458/Del/80
	154179	460/Del/80
	154284	461/Del/80
	154285	462/Del/80
	154307	463/Del/80
	154308	469/Del/80
	154372	470/Del/80
	154286	571/Del/80
	154326	472/Del/80
	154289	478/Del/80
	154290	479/Del/80
	154373	483/Del/80
	154328	486/Del/80
	154329	487/Del/80
	154374	489/Del/80
	154375	490/Del/80
	154376	491/Del/80
	154406	492/Del/80
	154377	493/Del/80
	154309	494/Del/80
	154291	495/Del/80
	154378	496/Del/80
	154330	497/Del/80
	154331	499/Del/80
	154501	500/Del/80
	154332	503/Del/80
	154379	505/Del/80
	154333	508/Del/80
	154334	510/Del/80
	154335	512/Del/80
	154380	514/Del/80
	154381	515/Del/80
	154382	517/Del/80
	154383	518/Del/80
	154384	519/Del/80
	154385	521/Del/80
	154386	522/Del/80
	154387	523/Del/80
	154502	528/Del/80
	154503	529/Del/80
	154388	532/Del/80
	154389	533/Del/80
	154390	534/Del/80
	154407	535/Del/80
	154499	536/Del/80
	154408	539/Del/80
	154409	540/Del/80
	154391	542/Del/80
	154665	543/Del/80
	154666	544/Del/80
	154336	550/Del/80
	154337	552/Del/80
	154292	553/Del/80
	153258	561/Del/80
	154338	566/Del/80
	154310	569/Del/80
	154392	573/Del/80
	154393	575/Del/80
	154339	581/Del/80
	154393	583/Del/80

1980—Contd.	1980—Contd.	1980—Contd.
586/Del/80	154552 733/Del/80	154753 6/Cal/81
591/Del/80	154553 734/Del/80	154760 7/Cal/81
597/Del/80	154554 735/Del/80	154754 8/Cal/81
598/Del/80	154670 736/Del/80	154918 9/Cal/81
600/Del/80	154555 739/Del/80	154761 10/Cal/81
601/Del/80	154556 741/Del/80	154762 11/Cal/81
602/Del/80	154845 742/Del/80	154763 12/Cal/81
607/Del/80	154557 743/Del/80	154755 13/Cal/81
609/Del/80	154558 744/Del/80	155028 14/Cal/81
610/Del/80	154559 745/Del/80	154919 15/Cal/81
613/Del/80	154560 747/Del/80	154920 19/Cal/81
617/Del/80	154563 749/Del/80	154921 21/Cal/81
622/Del/80	155027 750/Del/80	154922 22/Cal/81
623/Del/80	154561 752/Del/80	154923 24/Cal/81
626/Del/80	154564 755/Del/80	154924 25/Cal/81
628/Del/80	154565 756/Del/80	154925 27/Cal/81
630/Del/80	154562 758/Del/80	154764 28/Cal/81
631/Del/80	154671 759/Del/80	154764 29/Cal/81
633/Del/80	154566 759/Del/80	154756 30/Cal/81
640/Del/80	154846 760/Del/80	154926 31/Cal/81
641/Del/80	154672 771/Del/80	154927 32/Cal/81
642/Del/80	154567 775/Del/80	154928 33/Cal/81
646/Del/80	154568 777/Del/80	154765 34/Cal/81
647/Del/80	154569 780/Del/80	154929 35/Cal/81
649/Del/80	154847 781/Del/80	154930 36/Cal/81
650/Del/80	154686 782/Del/80	154766 38/Cal/81
652/Del/80	154687 786/Del/80	155008 40/Cal/81
654/Del/80	154688 788/Del/80	154931 42/Cal/81
655/Del/80	154689 792/Del/80	155009 43/Cal/81
661/Del/80	154722 795/Del/80	154932 44/Cal/81
665/Del/80	154690 796/Del/80	154933 46/Cal/81
666/Del/80	154691 797/Del/80	154934 47/Cal/81
671/Del/80	154570 798/Del/80	154855 48/Cal/81
672/Del/80	154692 800/Del/80	154856 51/Cal/81
673/Del/80	154693 803/Del/80	155029 52/Cal/81
674/Del/80	154694 804/Del/80	155030 53/Cal/81
676/Del/80	154695 805/Del/80	155031 56/Cal/81
677/Del/80	154696 806/Del/80	155032 57/Cal/81
679/Del/80	154849 810/Del/80	154857 58/Cal/81
681/Del/80	154848 815/Del/80	155010 59/Cal/81
682/Del/80	154723 817/Del/80	155011 60/Cal/81
686/Del/80	154697 820/Del/80	155033 63/Cal/81
687/Del/80	154698 821/Del/80	155034 65/Cal/81
688/Del/80	154699 824/Del/80	155012 70/Cal/81
689/Del/80	154749 826/Del/80	155013 73/Cal/81
690/Del/80	154700 831/Del/80	153432 74/Cal/81
691/Del/80	154724 832/Del/80	153433 75/Cal/81
692/Del/80	154725 834/Del/80	155035 79/Cal/81
693/Del/80	154850 837/Del/80	155014 82/Cal/81
695/Del/80	154701 841/Del/80	155015 84/Cal/81
696/Del/80	155026 842/Del/80	155016 85/Cal/81
698/Del/80	154851 845/Del/80	155017 86/Cal/81
700/Del/80	154726 846/Del/80	155018 87/Cal/81
702/Del/80	154852 850/Del/80	155019 88/Cal/81
706/Del/80	154727 868/Del/80	155020 89/Cal/81
710/Del/80	154758 872/Del/80	155021 90/Cal/81
711/Del/80	153880 879/Del/80	155022 91/Cal/81
716/Del/80	154728 887/Del/80	155023 93/Cal/81
717/Del/80	154729 900/Del/80	154702 95/Cal/81
719/Del/80	154853 903/Del/80	152482 96/Cal/81
720/Del/80	155007 904/Del/80	152483 98/Cal/81
721/Del/80	154730 908/Del/80	155024 99/Cal/81
722/Del/80	154750 1/Cal/81	152958 102/Cal/81
724/Del/80	154751 2/Cal/81	154539 103/Cal/81
725/Del/80	154752 3/Cal/81	154201 104/Cal/81
728/Del/80	154854 4/Cal/81	153695 107/Cal/81
729/Del/80	154759 5/Cal/81	153732 108/Cal/81
	1981	152958 109/Cal/81

1981—Contd.	1981—Contd.	1981—Contd.
110/Cal/81	153147	226/Cal/81
111/Cal/81	154088	227/Cal/81
113/Cal/81	154884	228/Cal/81
114/Cal/81	153696	232/Cal/81
116/Cal/81	154542	233/Cal/81
117/Cal/81	154885	235/Cal/81
118/Cal/81	154100	236/Cal/81
120/Cal/81	153410	237/Cal/81
125/Cal/81	152946	238/Cal/81
127/Cal/81	154089	239/Cal/81
130/Cal/81	153738	240/Cal/81
131/Cal/81	154101	241/Cal/81
138/Cal/81	153581	242/Cal/81
140/Cal/81	153848	244/Cal/81
142/Cal/81	152785	245/Cal/81
144/Cal/81	152883	246/Cal/81
147/Cal/81	153168	247/Cal/81
148/Cal/81	153169	249/Cal/81
152/Cal/81	154541	252/Cal/81
153/Cal/81	154527	253/Cal/81
154/Cal/81	154057	254/Cal/81
155/Cal/81	154058	255/Cal/81
157/Cal/81	153094	257/Cal/81
158/Cal/81	155054	258/Cal/81
159/Cal/81	153952	259/Cal/81
160/Cal/81	153317	261/Cal/81
163/Cal/81	153582	264/Cal/81
164/Cal/81	152684	265/Cal/81
165/Cal/81	154092	266/Cal/81
168/Cal/81	154039	267/Cal/81
170/Cal/81	153485	268/Cal/81
172/Cal/81	154090	269/Cal/81
173/Cal/81	153896	270/Cal/81
174/Cal/81	153072	275/Cal/81
177/Cal/81	153292	276/Cal/81
179/Cal/81	154102	280/Cal/81
182/Cal/81	153043	281/Cal/81
183/Cal/81	154268	283/Cal/81
186/Cal/81	154819	284/Cal/81
187/Cal/81	154990	285/Cal/81
188/Cal/81	154678	286/Cal/81
189/Cal/81	154949	288/Cal/81
190/Cal/81	154991	289/Cal/81
191/Cal/81	154992	290/Cal/81
193/Cal/81	153953	293/Cal/81
194/Cal/81	154202	294/Cal/81
195/Cal/81	154103	298/Cal/81
196/Cal/81	154104	299/Cal/81
197/Cal/81	153849	301/Cal/81
200/Cal/81	152770	302/Cal/81
201/Cal/81	154578	303/Cal/81
202/Cal/81	153615	305/Cal/81
203/Cal/81	152574	306/Cal/81
207/Cal/81	153850	307/Cal/81
209/Cal/81	153583	308/Cal/81
210/Cal/81	152661	310/Cal/81
211/Cal/81	154355	312/Cal/81
214/Cal/81	154105	313/Cal/81
217/Cal/81	154679	315/Cal/81
218/Cal/81	154106	316/Cal/81
219/Cal/81	153616	317/Cal/81
220/Cal/81	153538	318/Cal/81
221/Cal/81	154579	319/Cal/81
223/Cal/81	154648	321/Cal/81
224/Cal/81	153739	324/Cal/81
225/Cal/81	153280	325/Cal/81
		326/Cal/81

1981—Contd.	1981—Contd.	1981—Contd.
430/Cal/81	154208	560/Cal/81
431/Cal/81	154743	561/Cal/81
434/Cal/81	153619	562/Cal/81
439/Cal/81	154209	564/Cal/81
441/Cal/81	154595	565/Cal/81
444/Cal/81	154545	568/Cal/81
445/Cal/81	154157	569/Cal/81
446/Cal/81	154356	570/Cal/81
447/Cal/81	154158	571/Cal/81
448/Cal/81	154959	573/Cal/81
450/Cal/81	154041	574/Cal/81
451/Cal/81	153219	576/Cal/81
453/Cal/81	153620	578/Cal/81
454/Cal/81	153852	586/Cal/81
455/Cal/81	154041	589/Cal/81
457/Cal/81	154269	590/Cal/81
460/Cal/81	153917	591/Cal/81
466/Cal/81	153957	593/Cal/81
467/Cal/81	153702	597/Cal/81
470/Cal/81	152948	600/Cal/81
474/Cal/81	154427	601/Cal/81
476/Cal/81	153958	603/Cal/81
477/Cal/81	154659	604/Cal/81
478/Cal/81	154996	607/Cal/81
479/Cal/81	154820	608/Cal/81
480/Cal/81	154159	609/Cal/81
490/Cal/81	153959	612/Cal/81
491/Cal/81	155076	614/Cal/81
499/Cal/81	154192	615/Cal/81
500/Cal/81	153293	616/Cal/81
501/Cal/81	153960	617/Cal/81
502/Cal/81	152441	618/Cal/81
503/Cal/81	152687	623/Cal/81
505/Cal/81	154682	625/Cal/81
507/Cal/81	154622	626/Cal/81
508/Cal/81	154783	627/Cal/81
509/Cal/81	153349	628/Cal/81
511/Cal/81	153845	631/Cal/81
512/Cal/81	153355	634/Cal/81
513/Cal/81	152828	635/Cal/81
516/Cal/81	154596	637/Cal/81
520/Cal/81	155058	638/Cal/81
522/Cal/81	152463	639/Cal/81
524/Cal/81	153294	640/Cal/81
525/Cal/81	154114	646/Cal/81
526/Cal/81	154357	647/Cal/81
528/Cal/81	153853	648/Cal/81
530/Cal/81	154784	649/Cal/81
531/Cal/81	153295	651/Cal/81
532/Cal/81	152808	657/Cal/81
534/Cal/81	153703	658/Cal/81
535/Cal/81	153704	659/Cal/81
536/Cal/81	154210	662/Cal/81
538/Cal/81	153022	664/Cal/81
539/Cal/81	154358	666/Cal/81
540/Cal/81	152688	667/Cal/81
541/Cal/81	154270	669/Cal/81
542/Cal/81	154359	670/Cal/81
546/Cal/81	153319	673/Cal/81
552/Cal/81	154785	678/Cal/81
553/Cal/81	154428	680/Cal/81
556/Cal/81	154211	682/Cal/81
557/Cal/81	154429	683/Cal/81
558/Cal/81	154160	684/Cal/81
559/Cal/81	153743	685/Cal/81
		152920 687/Cal/81 154789
		153961 691/Cal/81 154162
		153705 692/Cal/81 154163
		154001 694/Cal/81 153967
		152829 696/Cal/81 154217
		154660 697/Cal/81 155077
		152689 700/Cal/81 152978
		153854 702/Cal/81 154744
		152962 703/Cal/81 154420
		154940 705/Cal/81 154118
		154865 713/Cal/81 155059
		154837 715/Cal/81 154684
		153962 716/Cal/81 154597
		153523 717/Cal/81 154823
		154623 718/Cal/81 154626
		153899 719/Cal/81 153654
		154212 720/Cal/81 154434
		153963 725/Cal/81 154042
		154360 727/Cal/81 154598
		154821 728/Cal/81 154661
		154951 729/Cal/81 153900
		151964 731/Cal/81 154436
		154893 734/Cal/81 154627
		158456 735/Cal/81 153283
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		153706 743/Cal/81 154167
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		154432 769/Cal/81 154960
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		153653 774/Cal/81 154631
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		152606 781/Cal/81 154439
		154433 782/Cal/81 155065
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		152949 788/Cal/81 154139
		153707 789/Cal/81 154876
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		154798 793/Cal/81 154044
		154214 796/Cal/81 154791
		153966 798/Cal/81 154745
		154272 799/Cal/81 153478
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		154895 807/Cal/81 153489
		154624 808/Cal/81 153746
		154117 809/Cal/81 154599
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		154216 814/Cal/81 154045
		154788 815/Cal/81

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817/Cal/81	153709	974/Cal/81
818/Cal/81	155078	976/Cal/81
819/Cal/81	155079	977/Cal/81
820/Cal/81	153220	982/Cal/81
821/Cal/81	154916	986/Cal/81
824/Cal/81	154888	987/Cal/81
825/Cal/81	154475	988/Cal/81
826/Cal/81	154476	989/Cal/81
827/Cal/81	154477	991/Cal/81
828/Cal/81	154122	992/Cal/81
829/Cal/81	155092	994/Cal/81
833/Cal/81	155066	996/Cal/81
835/Cal/81	155067	997/Cal/81
843/Cal/81	154792	1000/Cal/81
848/Cal/81	155060	1008/Cal/81
849/Cal/81	154793	1009/Cal/81
850/Cal/81	154961	1012/Cal/81
852/Cal/81	154746	1013/Cal/81
857/Cal/81	154168	1015/Cal/81
858/Cal/81	154273	1017/Cal/81
859/Cal/81	154218	1019/Cal/81
864/Cal/81	152509	1026/Cal/81
866/Cal/81	153710	1027/Cal/81
867/Cal/81	154962	1032/Cal/81
869/Cal/81	154794	1034/Cal/81
873/Cal/81	154824	1038/Cal/81
875/Cal/81	153902	1039/Cal/81
878/Cal/81	153173	1043/Cal/81
882/Cal/81	154952	1044/Cal/81
883/Cal/81	154441	1046/Cal/81
885/Cal/81	154274	1053/Cal/81
886/Cal/81	154442	1064/Cal/81
888/Cal/81	154275	1065/Cal/81
892/Cal/81	154898	1066/Cal/81
894/Cal/81	154219	1067/Cal/81
895/Cal/81	153711	1070/Cal/81
901/Cal/81	154220	1071/Cal/81
907/Cal/81	154647	1072/Cal/81
908/Cal/81	154169	1073/Cal/81
910/Cal/81	154795	1075/Cal/81
913/Cal/81	155080	1080/Cal/81
914/Cal/81	153969	1081/Cal/81
915/Cal/81	154963	1082/Cal/81
916/Cal/81	154531	1083/Cal/81
917/Cal/81	154964	1085/Cal/81
918/Cal/81	153855	1086/Cal/81
920/Cal/81	153296	1088/Cal/81
921/Cal/81	154276	1097/Cal/81
924/Cal/81	152809	1101/Cal/81
925/Cal/81	154443	1102/Cal/81
928/Cal/81	154252	1104/Cal/81
929/Cal/81	154796	1106/Cal/81
930/Cal/81	154965	1107/Cal/81
934/Cal/81	154221	1109/Cal/81
937/Cal/81	154478	1117/Cal/81
941/Cal/81	154747	1119/Cal/81
943/Cal/81	153970	1120/Cal/81
944/Cal/81	153971	1123/Cal/81
945/Cal/81	153972	1127/Cal/81
946/Cal/81	153973	1129/Cal/81
949/Cal/81	153351	1131/Cal/81
956/Cal/81	154277	1137/Cal/81
961/Cal/81	154444	1140/Cal/81
962/Cal/81	154797	1143/Cal/81
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971/Cal/81	154632	1145/Cal/81

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1402/Cal/81	154620	136/Bom/81
1406/Cal/81	154977	138/Bom/81
1407/Cal/81	154484	141/Bom/81
1409/Cal/81	152990	143/Bom/81
1410/Cal/81	155062	145/Bom/81
1415/Cal/81	153903	148/Bom/81
1416/Cal/81	152980	150/Bom/81
1417/Cal/81	153322	151/Bom/81
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1425/Cal/81	154805	162/Bom/81
1432/Cal/81	152773	163/Bom/81
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1434/Cal/81	154978	170/Bom/81
1438/Cal/81	154806	171/Bom/81
1439/Cal/81	154485	174/Bom/81
1441/Cal/81	154486	175/Bom/81
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1453/Cal/81	154889	187/Bom/81
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1455/Cal/81	154453	189/Bom/81
1457/Cal/81	152749	190/Bom/81
1465/Cal/81	154228	191/Bom/81
1466/Cal/81	154229	197/Bom/81
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1478/Cal/81	154980	205/Bom/81
1482/Cal/81	155090	208/Bom/81
5/Bom/81	153253	209/Bom/81
12/Bom/81	154705	213/Bom/81
17/Bom/81	154706	218/Bom/81
23/Bom/81	154773	219/Bom/81
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39/Bom/81	154776	224/Bom/81
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47/Bom/81	152585	268/Bom/81
49/Bom/81	152397	269/Bom/81
53/Bom/81	152928	275/Bom/81
59/Bom/81	154778	281/Bom/81
61/Bom/81	153248	287/Bom/81
64/Bom/81	154774	296/Bom/81
73/Bom/81	155099	299/Bom/81
74/Bom/81	155073	300/Bom/81
87/Bom/81	154709	301/Bom/81
89/Bom/81	153327	302/Bom/81
91/Bom/81	153517	308/Bom/81
92/Bom/81	153440	331/Bom/81
99/Bom/81	153128	333/Bom/81
103/Bom/81	153992	337/Bom/81
104/Bom/81	155041	342/Bom/81
105/Bom/81	155042	344/Bom/81
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112/Bom/81	154365	1/Mas/81
113/Bom/81	154366	23/Mas/81
114/Bom/81	154779	27/Mas/81
115/Bom/81	154710	41/Mas/81
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		233/Mas/81
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		53/Cal/82
		65/Cal/82
		66/Cal/82
		67/Cal/82

1982—Contd.	1982—Contd.	1982—Contd.	1982—Contd.
81/Cal/82	154917	598/Cal/82	154809
83/Cal/82	154265	620/Cal/82	206/Bom/82
103/Cal/82	154489	642/Cal/82	154828
117/Cal/82	152564	649/Cal/82	153458
124/Cal/82	153918	651/Cal/82	154364
132/Cal/82	154827	652/Cal/82	154829
139/Cal/82	154585	738/Cal/82	154841
142/Cal/82	154954	760/Cal/82	153491
143/Cal/82	154955	763/Cal/82	154985
146/Cal/82	154907	771/Cal/82	154810
148/Cal/82	154948	777/Cal/82	154908
155/Cal/82	155070	805/Cal/82	154266
156/Cal/82	154060	810/Cal/82	154127
164/Cal/82	154534	829/Cal/82	154230
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185/Cal/82	152923	862/Cal/82	154231
186/Cal/82	153857	868/Cal/82	155071
190/Cal/82	154490	897/Cal/82	155072
198/Cal/82	154491	938/Cal/82	154496
205/Cal/82	152991	1015/Cal/82	154497
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240/Cal/82	152692	1269/Cal/82	154943
244/Cal/82	153904	1350/Cal/82	154812
248/Cal/82	154982	1351/Cal/82	153658
261/Cal/82	153222	1352/Cal/82	153659
272/Cal/82	153501	1353/Cal/82	153660
284/Cal/82	154983	1365/Cal/82	153661
323/Cal/82	154877	1379/Cal/82	155096
347/Cal/82	154180	1380/Cal/82	154842
349/Cal/82	152576	1399/Cal/82	154843
369/Cal/82	153411	1413/Cal/82	154422
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385/Cal/82	154195	1487/Cal/82	154435
396/Cal/82	154601	1494/Cal/82	154878
398/Cal/82	154586	18/Bom/82	154535
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460/Cal/82	154840	45/Bom/82	154768
468/Cal/82	154492	72/Bom/82	155050
510/Cal/82	154602	79/Bom/82	154769
537/Cal/82	153622	99/Bom/82	152841
538/Cal/82	154196	126/Bom/82	155051
541/Cal/82	154493	147/Bom/82	155075
555/Cal/82	153978	185/Bom/82	154770
			1984
			154781
			71/Del/84

COMPLETE SPECIFICATION ACCEPTED

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"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

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CLASS : 163471

Int. Cl. : H 04 b 9/00.

A WAVEGUIDE TRANSMISSION LINE ADJUSTABLE-PHASE-POWER DIVIDER.

Applicant : MICROWAVE APPLICATIONS GROUP, OF 3030, INDUSTRIAL PARKWAY, SANTA MARIA, CALIFORNIA, 93455, U. S. A.

Inventor : 1. CHARLES ROBERT BOYD, JR.

Application No. 226/Cal/85 filed March 26, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

A waveguide transmission line adjustable-phase power divider comprising :

- (a) first means for converting a linear electromagnetic wave to a circularly polarized electromagnetic wave;
- (b) second means for varying the phase of said circularly polarized electromagnetic wave;
- (c) third means for converting said circularly polarized electromagnetic wave to a linear electromagnetic wave aligned at a selectively adjustable angle; and
- (d) fourth means for dividing said selectively aligned electromagnetic wave into its circularly polarized components as a function of said adjustable angle.

Compl. specn. 22 pages.

Drgs. 2 sheets

CLASS : 151-A, E & F.

163472

Int. Cl. : F 16 1 9/08.

PIPE OF REINFORCED CONVENTIONAL CONCRETE HAVING AN EVENLY DISTRIBUTED STEEL WIRE REINFORCEMENT AND METHOD FOR ITS MANUFACTURE.

Applicant : VIANINI INDUSTRIA S.p.A. OF 33 VIA DELLA FERRATELLA, 00184 ROMA, ITALY.

Inventors : 1. SERGIO MARCHESI, 2. GINO FACHIN.

Application No. 303/Cal/85 filed April 20, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A pipe of conventional reinforced concrete having an evenly distributed steel wire reinforcement comprising a concrete wall obtained by high-speed projection of a concentrated and homogeneous jet of concrete on a forming mandrel rotating around a longitudinal axis and with the distribution within the whole thickness of said wall being formed of a circumferential reinforcement constituted of layers of continuous thin steel wires helically wound, said pipe being characterized in that :

the inclination of the helix of circumferential reinforcement wires with respect to the axis of the mandrel is comprise between 2 and 10° and diameter of the wires is comprises between 0, 1 and 1 millimeters and moreover a longitudinal reinforcement constituted of thin steel wires parallel to the axis of the mandrel is distributed homogeneously to said pipe wall; said longitudinal reinforcement wires being arranged in one or several layers between two subsequent layers of circumferential reinforcement wires and having a diameter between 0, 5 and 2 millimeters, the total density of steel wires with respect to the concrete volume being comprises between 1 and 5% with respect to the section of the wall of the pipe.

Compl. specn. 30 pages.

Drgs. 2 sheets

CLASS : 32-C. 163473

Int. Cl. : C 07 g 17/00.

A PROCESS FOR COATING SOLID SUBSTRATES.

Applicant : NEDERLANDSE CENTRALE ORGANISATIE VOOR TOEGEPAST-NATUURWETEN. SCHAPPELIJK, ONDERZOEK, OF JULIANA VAN STOLBERGLAAN 148, 2595 CL THE HAGUE, THE NETHERLANDS.

Inventor : 1. LEENDERT HUIZER.

Application No. 324/Cal/85 filed April 27, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for coating at least part of a solid substrate, which consists at least partially of a biologically or chemically active substance such as herein-before defined and described with a polymer, characterised by contacting the surface to be coated of the solid substrate with a coating material containing at least one polymerizable crosslinkable polyfunctional acrylic or methacrylic compound and polymerizing the coating material to form a permeable network coating, wherein the coating material consist essentially of components that are polymerized to form the network coating.

Compl. specn. 18 pages.

Drg. Nil

CLASS : 63-D.

163474

Int. Cl. : H 02 k 5/00.

REVOLVING ELECTRIC MACHINE.

Applicant : MITSUBA ELECTRIC MANUFACTURING CO., LTD., OF 2681, HIROSAWACHO 1-CHOME, KIRYU, GUNMA, JAPAN.

Inventors : 1. TSUTOMU AKTIYAMA, 2. TOSHIYUKI KOBAYASHI

Application No. 592/Cal/85 filed August 13, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A revolving electric machine wherein a brush holder formed of resin is solidly secured to a bracket and said bracket is joined to an opening of a yoke, characterized in that said bracket is formed into a thin plate shape;

a portion of resin of said brush holder engages a portion of said bracket, whereby said brush holder is integrally formed with said bracket; further,

a faucet joint portion of said brush holder is formed when said brush holder is formed of resin; and

said faucet joint portion is faucet-jointed to an opening of said yoke, whereby said bracket is center-aligned with said yoke.

Compl. specn. 20 pages.

Drgs. 4 sheets

CLASS : 206-E.

163475

Int. Cl. : G 08 c 17/00.

A SYSTEM FOR ANALOGUE SPEECH TRANSMISSION VIA RADIO.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : 1. BODO BITTENAUER, 2. WERNER KOBER.

Application No. 779/Cal/85 filed November 4, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A system for analogue speech transmission via radio, said system including transmitting-receiving stations at the transmitting end, means for gating in audio frequency pulses into a speech signal at intervals of time which change in pseudo-random fashion and at the receiving end means for synchronising the receiving station in relation to the transmitting station so as to select for analysis only those portions of the signal expected to contain audio frequency pulses, means for analysing the received signal in order to detect the received audio frequency pulses, and means for triggering an alarm in the event of failure to detect a predetermined number or sequence of said pulses.

Compl. Specn. 12 pages.

Drg. 1 sheet.

CLASS :

163476

Int. Cl. : B 65 g 33/00.

SCREW CONVEYOR.

Applicant : AB SIWERTELL, OF BOX 66 S-26700 BJUV, SWEDEN.

Inventor : 1. AKE ALLAN EKELUND.

Application No. 76/Cal/86 filed February 3, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A screw conveyor for taking up bulk material, especially from ships, comprising a conveyor screw rotatable within a housing and having, at its intake end, a feeder device adapted to promote the transport of material to the conveyor, said screw and said feeder device being adapted to rotate in opposite directions, and said feeder device having spokes on which blades are mounted for conveying the material inwardly towards the screw projecting into the feeder device, characterised in that the blades (14, 15) have upwardly and downwardly extending portions (18 and 17), respectively, and are curved in a trawl-like manner for drawing the material into the feeder device, a lower part (17) of said blades being adapted to raise the material and move it inwardly towards the feeder device and an upper part (18) of said blades being adapted to draw the material downwardly and inwardly in said feeder device.

Compl. specn. 9 pages.

Drgs. 5 sheets

CLASS : 33-D.

163477

Int. Cl. : B 22 c 11/00.

MOLDING REGISTER SYSTEM.

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT 06095, UNITED STATES OF AMERICA.

Inventor : 1. DONALD LEE SOUTHAM.

Application No. 126/Cal/86 filed February 19, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

In a mold making apparatus in combination, first mold making means for making cope mold halves, said first mold making means including a four sided metal cope flask, a first pattern, first register means for accurately positioning the cope flask relative to the first pattern by moving the cope flask so that a first reference means on one side of the cope flask is snug against a first stop means, second register means for accurately positioning the cope flask relative to the first pattern by moving the cope flask so that a second reference means on an adjacent side of the cope flask is snug against a second stop means, means for thereafter filling the cope flask with sand and compacting it, second mold making means including a four sided metal drag flask, a second pattern, third register means for accurately positioning the drag flask relative to the second pattern by moving the drag flask so that a first reference means on one side of the drag flask is snug against a third stop means, fourth register means for accurately positioning the drag flask relative to the second pattern by moving the drag flask so that a second reference means on an adjacent side of the drag flask is snug against a fourth stop means, means for thereafter filling the drag flask with sand and compacting it, a closer station, means for moving the drag flask to the closer station and positioning it with its cavity side up, means for moving the cope flask to the closer station and positioning it on top of the drag flask so that the two cavities match, and fifth register means for accurately positioning the cope flask relative to the drag flask by moving the drag flask and the cope flask so that the first reference means of both are snug against a fifth stop means, and sixth register means for accurately positioning the cope flask relative to the drag flask

by moving the flask and the cope flask so that the second reference means of both are snug against a sixth stop means, so that there is no parting line shift between the mold halves in the completed mold.

Compl. Specn. 11 pages.

Drgs. 7 sheets.

CLASS : 5-A.

163478

Int. Cl. A 01 b 35/02.

APPARATUS FOR CULTIVATING SOLONETZES.

Applicant : KIEVSKY POLITEKHNIKESKY INSTITUT IMENI 50-LEITIA VELIKOI OKTYABRSKOI SOTSIALISTICHESKOI REVOLJUJSTSI, OF KIEV, PROSPEKT POBEDY 37, USSR.

Inventors : 1. ANATOLY VLADIMIROVICH PAVLOV, 2. ALEXEI STEPANOVICH KHMELENKO, 3. LEONID PETROVICH GORB, 4. ALEXANDR IVANOVICH IVASHENKO.

Application No. 357/Cal/86 filed May 8, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

An apparatus for carrying out cultivation of solonetzes comprising a frame supporting blade carriers with side blades which are bent in the rear part thereof and conoidal in the front-end part thereof; a share with a lift blade mounted between the blade carriers and made in the form of a torse, the blade carriers being turned opposite to the layer being cultivated at an angle of 5 to 10° with respect to the longitudinal vertically extending plane of the apparatus and diverging in the top part at an angle of 75-83° with respect to the horizontal plane.

Compl. Specn. 22 pages. Drgs. 5 sheets.

Int. Cl. C 07 c 87/62. 163479.

A PROCESS FOR THE PREPARATION OF AROMATIC DIALKYLAMINES.

Applicant : HOECHST AKTIENGESELLSCHAFT, 6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

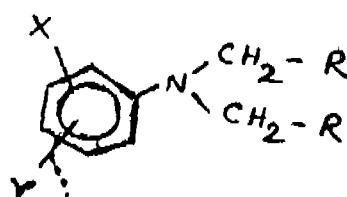
Inventors : 1. THEODOR PAPENFUHS, 2. WALTER KUHN

Application No. 582/Cal/86 filed July 31, 1986.

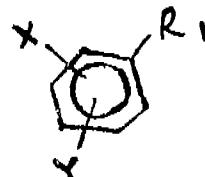
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

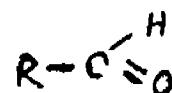
A process for the preparation of a aromatic dialkylamines of the formula (1) of the accompanying drawings



in which R denotes a alkyl-C₁-C₆ group, X and Y each] denote a hydrogen, fluorine or chlorine atom or a hydroxyl, alkyl-C₁-C₄ alkoxy-C₁C₄-, carboxyl, carbalk oxy-C₁-C₅, alkyl-C₁-C₄, CO-NH-, group of formulae (4) to (11) in which sulfonic acid-alkyl-C₁-C₄ sulfonate, sulfamoyl, alkyl-C₁-C₄-sulfonyl, hydroxyalkylene-C₁-C₄-sulfonyl, phenylsulfonyl, hydroxyphenyl-sulfonyl, alkyl-C₁-C₄-phenylsulfonyl or alkoxy-C₁-C₄-phenylsulfonyl group, wherein compounds of the formula (2)



in which R₁ denotes a nitro or primary amino group, and x and y have the above mentioned meanings, are ductively dialkylated using at least equimolar amounts of an aldehyde of the formula (3) in which R has the above mentioned meaning, in



alcohol, alkylbenzenes, glycol ethers, fatty acid dialkylamides or fatty acid alkyl esters or fatty acid glycol esters, and using catalytically activated hydrogen in the presence of a precious metal catalyst from group 8 of the periodic table if appropriate in the presence of catalytic amounts of a trialkyl-C₁C₆-a fine, at temperatures from 50°C to 150°C at a pressure from 20 bar to 100 bar...

Compl. Specn. 18 pages. Drgs. 1 sheet.

Class. 34-D.

163480

Int. Cl. C 08 f 118/00.

PROCESS FOR PREPARING A STATIC RESISTANT TEREPHTHALE POLYESTER FIBER.

Applicant : E.I. DU PONT DE NEMOURS & COMPANY, AT WILLINGTON DELAWARE, UNITED STATES OF AMERICA.

Inventor : 1. VICTOR RALPH BEN.

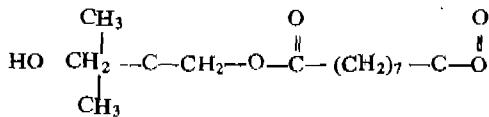
Application No. 920/Cal /86 filed December 17, 1986.

Division of Appl. No. 917/Cal/83 dated 22nd July, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for preparing a static resistant terephthalate polyester fiber, which comprising mixing between 1 and 6% by weight of the polymer composition comprising at least about 75 mol percent polyester units having the formula



and between 5 and 25 mol percent capped polyether units having the formula $(\text{CH}_2 — \text{CH}_2 — \text{O})_n — \text{R}$ wherein n is 8 to 20 and R is group of formula shown in Fig. 1 of the accompanying drawings :

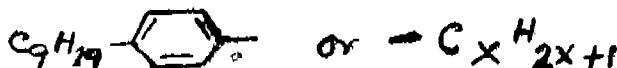


Fig. 1

where x is 12 to 16, said polymer composition having an inherent viscosity in the range of 0.15 to 0.35 and spinning into fibers by known method such that the said polymer composition exists in the fiber as striations, said striations having a length to diameter ratio of at least about 20 to 1 and an average diameter in the range of about 0.5 to 1.5 microns.

Compl. Specn. 18 pages. Drg. 1 sheet.

CLASS :

163481

Int. Cl. : G 01 b 5/00.

AN ANGLE METER.

Applicant & Inventor : RAKESH KUMAR SINGH, C/O. SRI K. SINGH A/42, SECTOR-7, P.O. ROURKELA, DISTT-SUNDERGARH, ORISSA-769 003, INDIA.

Application No. 347/Cal/84 filed May 22, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

An angle meter for effecting measurements of objects including spherical or cylindrical objects comprising a housing having a first wheel and a second wheel each rotatably disposed within said housing, said first wheel being in driving engagement with said second wheel, a pointer secured to said first wheel and adapted to traverse over graduations provided within said housing, a movable arm secured to said second wheel and having a pointed end a fixed arm fixed to said housing and having a pointed end with which the pointed end of the movable arm can be engaged.

Compl. specn. 8 pages.

Drg. 1 sheet

CLASS : 70-A.

163482

Int. Cl. B 01 k 1/00; C 21 b 21/00.

APPARATUS FOR THE PRODUCTION OF ALUMINIUM BY THE HALF-HEROUlt PROCESS WITH A CURRENT STRENGTH GREATER THAN 250000 AMPERES.

Applicant : ALUMINIUM PECHINEY, OF 23 RUE BAIZAC 75008 PARIS, FRANCE.

Inventors : 1. KEINBORG MAURICE, 2. LANGON BERNARD, 3. CHAFFY JOSEPH.

Application No. 865/Cal/84 filed December 13, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Apparatus for the production of aluminium by the electrolysis of alumina dissolved in fused cryolite using the Half-Heroult process, with a current strength of between 7700 000 amperes and 320 000 amperes, with a level of energy consumption of less than 12 600 kWh per tonne of aluminium produced, said apparatus comprising a plurality of aligned rectangular tanks whose small sides are referred to as 'heads', being disposed crosswise with respect to their axis of alignment and being electrically connected in series as a single line or a plurality parallel lines, each tank comprising a steel casing lined with insulating material and supporting a cathode formed by a plurality of juxtaposed carbonaceous blocks into which are sealed metal cathodic bars (2) connected to a plurality of upstream (3) and downstream (4) cathodic collectors, a plurality of prebaked carbonaceous paste anodes into which are sealed the metal anode rods, an anodic bus bar (5) which is movable upwardly and downwardly and on to which the anode rods are fixed, and electrical connecting means (16) between the upstream and downstream cathodic collectors (3 and 4 respectively) of tank, on the one hand, and the cross strut means (5) of the following tank in the series, on the other hand, in which apparatus the anodic bus bar (5) of each tank is connected to the preceding tank at five points (6A, 6B, 6C, 6D and 6E) by five equally spaced risers disposed on its upstream side (8), characterised in that :

the connection between each riser (7C) and the anodic bus bar (5) is made by flexible electrical conductors (8).

- the central riser (7C) which is disposed on the axis of the series, the two intermediate risers (7B, 7D) and the two lateral risers (7A, 7E) through which substantially equal current strengths pass are connected to six upstream cathodic collectors (3), two central collectors (3A, 3B), two intermediate collectors (3C, 3D) and two lateral collectors (3E, 3F) and three downstream cathodic collectors (4), a central collector (4A) and two lateral collectors (4B, 4C),
- the downstream cathodic collectors (4A, 4B and 4C) are connected together by equipotential connections formed by flexible conductors, and
- the central upstream cathodic collectors (3A and 3B) are also connected together by an equipotential connection formed by flexible conductors.

Compl. specn. 19 pages.

Drgs. 2 sheets

CLASS : 60-N.

163483

Int. Cl. H 01 h 33/00.

ARCING CHAMBER WITH RESILIENT CLAMPING DEVICE.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : 1. GUNTHER ECKERT, 2. FRANZ SINGER.

Application No. 49/Cal/85 filed January 25, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

An arcing chamber which is formed by a base, a cover

device which yielding connects together the cover and the base, in which the clamping device comprises two resiliently deformable members which have different resilient properties and which are arranged so that relative separation of the cover and the base initially causes yielding of the more resilient member in advance of yielding of the less resilient member.

Compl. specn. 8 pages.

Drg. 1 sheet

CLASS : 129-Q.

163484

Int. Cl. : B 23 k 35/40.

FILLER WIRE FOR MECHANICAL WELDING INSTALLATION AND PROCESS FOR PRODUCING SAME.

Applicant : SCHWEISSINDUSTRIE OERLIKON BUHRIG AG, OF BIRCHSTRASSE 230, ZURICH, SWITZERLAND.

Inventors : 1. ALEXANDER WERNER, 2. HENNZ PFENNIGER.

Application No. 294/Cal/85 filed April 7, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

9 Claims

A filler wire for mechanical welding installations formed with a random length which comprises a metal tube and a known pulverulent material filling therein surrounded by said, metal tube wherein the pulverulent filling comprises at least two material components which are arranged in at least two super-imposed layers.

Compl. specn. 12 pages.

Drg. 1 sheet

CLASS : 206-E.

163485

Int. Cl. : G 05 b 15/00.

DISTRIBUTED CONTROL SYSTEM WITH UNIVERSAL PROGRAM.

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventor : 1. JACK ASHER SCHUSS.

Application No. 368/Cal/85 filed May 15, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A distributed control system of the type having a plurality of process control computers corresponding in number to the number of subprocesses controlled by the distributed control system, each process control computer having input ports for receiving input ports for receiving input signals of operational parameters of an associated first subprocess, a preprogrammed set of instructions which are executed based upon the input signals and that generate in response to the input signals in accordance with the preprogrammed instructions control signals outputted through output ports to control the first subprocess, input ports for receiving input signals commensurate with the operational safety of the associated first subprocess, a preprogrammed set of instructions executed in response to the input signals and generate in response thereto shutdown signals outputted through output ports for shutting down the associated first subprocess when an unsafe operating condition is approached, input ports

4—267GI/88

for receiving input signals commensurate with the operational safety of a second subprocess of the distributed control system, a preprogrammed set of instructions executed in response to the input signals that generate in response thereto shutdown signals outputted through output ports to shutdown the second subprocess when an unsafe operating condition is approached, thereby each of the plurality of process control computers serves as a redundant backup of the operational safety of another of the plurality of process control computers of each of the plurality of subprocesses an arrangement for controlling a plurality of subprocesses in a distributed control system comprising :

- (A) means for entering the same set of instructions in each process control computer;
- (b) means provided with each process control computer for receiving input signals of operational parameters from a first subprocess controlled thereby;
- (c) means provided with each process control computer for providing control signals to the first subprocess controlled thereby;
- (d) means provided with each process control computer for input signals of operational parameters commensurate with the operational safety of a second subprocess that is controlled by another process control computer thereby providing redundant backup of the operational safety therefore;
- (e) means provided with each process control computer for providing control signals to the second subprocess when an unsafe operating condition is approached;
- (f) means for permitting the outputs to subprocesses within the instructions entered on each process control computer but not controlled thereby to float; and
- (g) means for repeatedly executing the set of instructions in each of the process control computers of the distributed control system to control the subprocesses controlled by the distributed control system, whereby each process control computer executes the same set of instructions such that one or more of the process control computers executes some instructions for which there are no field inputs.

Compl. specn. 19 pages.

Drgs. 3 sheets

CLASS : 32-A₂.

163486

Int. Cl. : C 09 b 51/00.

PROCESS FOR PREPARING ACID NITRO DYES-TUFFS.

Applicant : HOECHST AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventor : 1. HASSO HERTEL..

Application No. 374/Cal/85 filed May 17, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A process for the preparation of acid nitro dyestuffs, which comprises treating an amino-nitro-diphenylamine sulfonic acid or a mixture thereof, with hydrogen peroxide as the oxidizing agent in aqueous medium at a pH of greater than 3 and at a temperature between zero and 100°C.

Compl. specn. 16 pages.

Drg. 1 sheet

CLASS :

163487

Int. Cl. : A 23 f 3/12.

INTERMEDIUM FLUIDISER FOR TEA LEAVES.

Applicant : THE TEA TECHNOCRATE, 10, MIDDLETON ROW, CALCUTTA-700 071, INDIA.

Inventor : 1. VEENA SARDANA.

Application No. 386/Cal/85 filed May 21, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A intermedium fluidiser for fluid bed driers for drying tea leaves comprising a multiple number of small diameter longitudinal rods attached to a disc which are adapted to be rotatable at a predetermined speed by an external belt drive and are capable of being interposed between the discharge point of a feed conveyor for tea leaves and the grid plate of a fluidised bed drier, in which the rotating rods are capable of receiving the tea leaves in their longitudinal position.

Compl. specn. 5 pages.

Drg. 1 sheet

CLASS : 116-G.

163488

Int. Cl. : B 65 g 69/00.

BRIDGE APPARATUS FOR STRIPPING STOCKPILES OF BULK MATERIAL.

Applicant : SCHADE FORDERTECHNIK GMBH & CO., OF AM ROSENPLATZCHEN 120, D-46000 DORTMUND 1, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. DIPLO-ING. GERHARD FISCHER, 2. ING. GUNTER STROCKER.

Application No. 480/Cal/85 filed June 26, 1985.

* Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

Bridge apparatus for stripping, and preferably also for building up, bulk material stockpiles of substantially trapezoidal cross-section, with a chassis, a slope stripper operating on the end slope of the stockpile and a bridge beam with a continuous transverse conveyor revolving thereon, which picks up the bulk material at the foot of the end slope of the stockpile and conveys it towards the side of the stockpile, the bridge beam with the transverse conveyor being mounted raisably and lowerably on the chassis and, like the slope stripper, being movable from the operating position on the end slope of the stockpile into a position in which it is located outside the region of the cross-section of the stockpile, characterised by the following features : the slope stripper (26) is mounted on the bridge beam (16) with reciprocating mobility in the longitudinal direction thereof; the bridge beam (16), the length of which is at least equal to the foot width of the stockpile, is raisable with the transverse conveyor (17) in a horizontal or inclined position, parallel to itself, from the foot of the stockpile to above the summit (4) of the stockpile; the bridge beam (16) is guided with lifting mobility and braced transversely to its longitudinal direction at each of its two ends on a rising column (8, 9) of the chassis (6).

Compl. specn. 23 pages.

Drgs. 3 sheets

CLASS :

163489

Int. Cl. : A 61 b 17/00.

AORTIC CANNULA.

Applicant : (1) BLAGOVESCHENSKY GOSUDARSTVENNY MEDITSINSKY INSTITUTE, OF BLAGOVESCHENSK, ULITSA GORKOGO, 95, USSR; (2) VSESJUZNY NAUCHNO-ISSLEDOVATELSKY I ISPYTATELNY INSTITUT MEDITSINSKOI TEKHNIKI, OF ULITSA KASATKINA 3, MOSCOW, USSR.

Inventors : 1. YAROSLAV PETROVICH KULIK, 2. IVAN IVANOCICH SHMYRIN, 3. RUSTAM ISMAILOVICH UTYAMYSHEV, 4. MARINA MARTSISSOVNA VYRZHIKOVSKAYA.

Application No. 797/Cal/85 filed November 7, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

An aortic cannula, comprising a head which has a front end adapted for being inserted into the aortic of a patient, and a base having flow divider installed thereon which communicates with a blood supply tube;

said head is shaped as an oblate cone that flares out from the front end which is an ellipse in cross-section, towards the base which is a circle in cross-section, while said tube is provided with a plurality of through holes or perforations located in a close vicinity of the place where said tube is joined with the base, and has a slid able sleeve the length of which exceeds the length of that portion of said tube which is provided with said holes or perforations and is adapted for operatively covering said perforations, the greater axis "A" of the ellipse of the head front end is much longer than the lesser axis "B" thereof, and the ratio between the lengths of said greater axis "A" and said lesser axis "B" of said ellipse decreases in a direction from said front end of said head towards the base thereof,

Compl. specn. 10 pages.

Drg. 1 sheet

CLASS : 61-I.

163490

Int. Cl. : F 26 b 11/00.

IMPROVEMENTS IN OR RELATING TO DOUBLE DRUM DRYER.

Applicant & Inventor : SUNJRAL CHAKLADAR, OF 4D, HEMCHHAYA, IRONSIDE ROAD, CALCUTTA-700019, INDIA.

Application No. 921/Cal/85 filed December 23, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

34 Claims

An improved double drum dryer which comprises in combination :

(a) plurality of dryer shells or drums fitted telescopically one into the other and supported over a roll-on assembly with the help of supporting means,

(b) stud and spring suspension arrangement,

(c) dove-tail arrangement of spring plates attached to the inner drum,

(d) lifters fixed at the inside surfaces of both the inner and outer drums;

- (e) driving means to rotate the dryer assembly,
- (f) means for entry and exit of hot gases and
- (g) means for feeding wet material into the dryer and outlet for the dried material.

Compl. specn. 20 pages.

Drgs. 4 sheets

6 Claims

An improved solar panel having tubular solar heat collectors comprising a diffused or specular plane or profiled reflectors; a set of heat extraction rib tubes joined to a central header on either side in the form of a rib cage; the said central header connected to a source for introducing cold liquid at one end and removing hot liquid from the other end.

Comp. Specn. 10 pages,

Drgs. 2 sheets.

CLASS : 64 A.

163491

Int. Cl. : H 01 h - 85/32.

AN IMPROVED FUSE CUT-OUT FOR ELECTRICAL CIRCUITS.

Applicant : (1) HAREN CHHOTALAL SANGHAVI, (2) MRS. BEENA RAJIV SANGHAVI, (3) HIMMAT RATILAL VORA, (4) MRS. NUTAN JITENDRA VORA AND (5) JITENDRA RATILAL VORA, ALL INDIAN NATIONALS AT 2, A2, COURT CHAMBERS, 35 NEW MARINE LINES, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) SANGHAVI HAREN CHHOTALAL & (2) VORA JITENDRA RATILAL.

Application No. 178/Bom/1985 filed on July 5, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

3 Claims

An improved fuse cut-out for electric circuits comprising a body of insulated material such as Porcelain and the like, a pair of contact means fixed in a known manner at both the ends of said body, a fuse blown-off visible indicating means consisting of a neon lamp and a resistor connected in series with the help of a pair of leads connected to the said contact means, a fuse wire connected in the known manner to the said contact means in parallel to the said visible indicating means characterised in that the said body is integrally provided two separate slots along the said body between the said contact means to accommodate separately the said fuse wire in one slot and the said pair of leads in the other slot; a through cavity provided across the said body to safety accommodate the said neon lamp and the resistor therein; a pair of insulating sleeves provided on the said pair of leads to prevent any electrocution accidentally or otherwise and a reflector cap provided at the free end of the cavity ahead of the said neon lamp.

Compl. specn. 9 pages.

Drg. 1 sheet

Ind. Cl. : 98I

163493

Int. Cl. : F24j—3/02.

AN IMPROVED EVACUATED TUBE TYPE SOLAR THERMAL COLLECTOR.

Applicant : IBP CO. LTD. (A GOVT. OF INDIA ENTERPRISE UNDER THE COMPANIES ACT, 1956) AT GILLANDER HOUSE, 8 NETAJI SUBHASH ROAD, CALCUTTA-700 001, WEST BENGAL, INDIA.

Inventors : (1) ASHOK KUMAR GUPTA, (2) TALLA-PRAKADA VENKATA LAKSHMI NARASIMHA RAO, (3) SHAHAB IZZAT AND (4) JAYPRAKASH VISWANATH SHIRGUKAR.

Application No. 182/BOM/1985 filed on 9th July 1985 Comp. after prov. left on 9th Oct. 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay- Branch.

5 Claims

An improved evacuated tube type solar thermal collector comprising an absorber tube placed and sealed inside an outer glass tube; the outer surface of the wall of the said inner absorber tube being coated with a multilayered coating; said multilayered coating having a base layer of a low infra-red emissivity metal such as Cu, Al, which is over-coated with a layer of a cermet consisting of a metal component of Group VIIB or VIIIB metals and a ceramic component such as carbides, nitrides or oxides of Chromium, Nickel or Tungsten with high visible range absorption; a getter flashed or wrapped around the inner absorber tube to maintain high vacuum required for efficient functioning during long lasting life-time of the collector.

Prov. Specn. 4 page.

Drg. Nil.

Comp. Specn. 9 pages.

Drg. 1 sheet.

Ind. Cl. : 1981 (VII (2))

163494

Int. Cl. : F24j—3/02.

A NOVEL COATING FOR ABSORBERS IN SOLAR THERMAL COLLECTORS.

Applicants : IBP CO. LTD. GILLANDER HOUSE, 8 NETAJI SUBHAS ROAD, CALCUTTA-700 001, WEST BENGAL, INDIA.

Inventors : (1) ASHOK KUMAR GUPTA, (2) TALLA-PRAKADA VENKATA LAKSHMI NARASIMHA RAO, (3) SHAHAB IZZAT & (4) JAYPRAKASH VISWANATH SHIRGUKAR.

Application No. 183/BOM/1985 Filed Jul. 9, 1985 Comp. after Prov. left on Oct. 9, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972).

Ind. Cl. : 98I (VII (2))

163492

Int. Cl. : F24j—3/02.

AN IMPROVED SOLAR PANEL HAVING TUBULAR SOLAR HEAT COLLECTORS.

Applicants : IBP CO. LTD. GILLANDER HOUSE, 8 NETAJI SUBHAS ROAD, CALCUTTA-700 001, WEST BENGAL, INDIA.

Inventor : DR. ASHOK KUMAR GUPTA.

Application No. 180/BOM/1985 Filed Jul. 9, 1985.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

5 Claims

A novel coating for absorbers in solar thermal collectors comprising :

- (a) a layer of low infra-red emissivity metal of the Group IB or IIA of thickness 0.3 micron;
- (b) a diffusion barrier layer of a low mobility such as stainless steel of the thickness 50 nm;
- (c) an absorber cermet layer of graded structure as herein described comprising a metal component of Group VIB or VIII metals as herein described; and a non-metallic or ceramic component such as Carbon, Alumina, Silica, Titanium dioxide of thickness 150nm; and
- (d) a top layer of amorphous hydrogenated carbon of thickness 20–40 nm.

Comp. Specn. 11 pages. Drgs. 1 sheet.

Prov. Specn. 6 pages. Drgs. Nil.

6 Claims

Attachment for manhole frames comprising an inside attachment and an outside attachment slideably mounted inside and outside respectively on the said manhole frame used for storm water drain and sewage system, the said inside attachment having a suitable profile at its lower portion matching and adaptable to the U shape groove provided to the inside of the said manhole frame between its outer flange and inner flange, and a step is provided in the said lower portion of the said inside attachment matching with the upper surface of the said inner flange of the said manhole frame, and the surface of the said step of the said lower portion provided with prizing slots upper portion of the said inside attachment is provided with a flange and a step surface, the said step surface of the inside attachment provided for resting the raised said manhole cover, the said outside attachment having Z shape cross section, inner surface of the topside of the said outside attachment is flushing with the inner surface of the said outer flange of the said manhole frame and the lower surface of the said topside of the said outer attachment rests on the upper surface of the said outer flange of the said manhole frame the said inner surface of the topside is provide with a register and prizing slots, lower surface of the bottomside of the said outside attachment freely rests on the upper surface of the outside of the said manhole frame and the said outside attachment provided with slots for accommodating ribs of the said manhole frame, upper surface of the said topside of the said outside attachment flushes with the top surface of the raised said manhole cover placed on the said inside attachment, the shape of the said inside and outside attachments is circular or rectangular or otherwise, adaptable to the circular or rectangular or otherwise shape of the manhole frame, thickness of the said attachments are characterised so that the top surfaces of the raised said manhole cover and the said outside attachment flush with the road surface.

Complete Specification 14 Pages; Drawings—3 Sheets.

Int. Cl. : C 11 d - 1/28.

AN IMPROVED BUILT DETERGENT COMPOSITION IN BAR FORM.

Applicant : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/156 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANY ACT, 1913.

Inventor : PETER JAMES POWERS.

Application No. 194/Bom/1985 filed on 24th July, 1985.

U. K. Convention Priority date 31st July, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay.

9 Claims

An improved built detergent composition in bar form containing from 10% to 45% by weight of non-soap detergent active material and from 5% to 60% by weight of detergent builder material wherein the composition contains at least about 10% by weight of detergent active with the general formula $R^1\text{CH}(\text{SO}_3\text{M})\text{COOR}^2$ where R^1 is an alkyl group containing 8 to 22 carbon atoms, R^2 is an alkyl group containing 1 to 4 carbon atoms and M is a cation providing water soluble properties, characterised in that at least 10% by weight of the cationic species present is potassium ions.

Compl. specn. 12 pages.

Drugs. Nil

Ind. Cl. : 161 B [XXVII(3)].

163496

Int. Cl. : E 02 d—29714.

ATTACHMENTS FOR MANHOLE FRAMES.

Applicants and Inventor : VINAY KUMAR SHRIDHAR, C/o Office of the Director of Inspection, Directorate General of Supplies and Disposals, 1st Floor, Aayakar Bhavan Annex, New Marine Lines, Bombay-400 020, Maharashtra, India & Atul Shridhar, House No. 3253, Block No. 227, Sector VI, C.G.S. Colony, Sion Koliwada, Bombay-400037, Maharashtra, India.

Application No. 223/BOM/1985 Filed August 28, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

2 Claims

An improved irrigating and aspirating coaxial cannula for intra ocular lens implant type cataract operation in eye, said cannula comprising an inner tube and an outer tube, said inner tube being disposed in said outer tube in a coaxially spaced apart relationship, the inner end of said inner tube being open and extending longitudinally beyond the inner end of said outer tube, the inner end of said inner tube being provided with a mount, the inner end of said inner tube being fitted in part of an axial hole provided in said mount, the inner end of said inner tube being introduced in the axial hole provided in said mount from the outer end of said mount, the axial hole provided in said mount being wider and flared or tapered beyond the point at which the inner end of said inner tube terminates in said mount, the inner end of said mount being connectable to a aspirating syringe on the like, the inner end of said outer tube being open and provided with a hub, the inner end of said outer tube being

fitted in part of an axial hole provided in said hub, the inner end of said outer tube being introduced in the axial hole provided in said hub from the outer end of said hub, the axial hole provided in said hub being wider and flared or tapered beyond the point at which the inner end of said outer tube terminates in said hub, the inner end of said hub being disposed over the outer end of said mount through the axial hole of said hub and supported over the outer end of said mount in an airtight manner such that the inner end of said outer tube and the outer end of said mount are spaced apart from each other in the axial hole provided in said hub, said hub being provided with a radial tube through one side of said hub such that the inner end of said radial tube opens into the space between the inner end of said outer tube and the outer end of said mount in the axial hole provided in said hub, the outer end of said radial tube being connectable to a irrigating liquid supply such as saline water supply, the outer end of said inner tube being curved upwardly and having an aspirating port, said aspirating port being directed upwards and of uniform diameter, the outer end of said outer tube being curved upwardly and coterminous with the outer end of said inner tube and having an irrigating port, said irrigating port being wide and elliptical shaped with its longer axis in the vertical plane, portions of the outer end of said outer tube corresponding to the longer axis of the elliptical shaped irrigating port being secured to or in close contact with the outer end of said inner tube, the space between said inner tube and outer tube forming a flow channel for the irrigating liquid.

Compl. specn. 13 pages.

Drgs. 3 sheets

Ind. CLASS : 70 B+C₄+C₅.

163498

Int. Cl. B 01 K - 3/02.

Title AN ELECTRODE FOR USE IN ELECTROCHEMICAL CELL AND METHOD FOR PREPARING THE SAME.

Applicant : ORONZIO DE NORA IMPIANTI ELETTRICOCHIMICI S. p. A. (AN ITALIAN CORPN.) AT VIA BISOLFI, 35-20134 MILANO, ITALY.

Inventor : ALBERTO PELLEGRI.

Application No. : 291/BOM/85. FILED—OCT, 18, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

7 Claims

1. An electrode for use in electrochemical cell comprising an electrically conductive inert metallic substrate and an electro-catalytic adherent coating, characterized in that said coating comprises :

(a) an anchoring pre-coating or interlayer having a thickness between 5 and 30 micro meters onto at least part of the surface of the metallic substrate, said precoating consisting of particles of ceramic material dispersed in an inert metallic matrix of the metal such as herein described;

b) a ceramic superficial coating onto said precoating, said superficial coating consisting essentially of electrocatalytic ceramic material in the range of 2 to 20 grams per square metre, the ceramic material of said precoating substantially compatible or even isomorphous to the ceramic material of the superficial coating.

Compl. specn. 26 pages.

Drg. Nil

Ind. Cl. : 85Q

163499

Int. Cl. : F 27b-7/24

A SEAL DEVICE FOR EFFECTIVELY SEALING THE FEED AND OR DISCHARGE END OF ROTARY RETORT FURNACE.

Applicant : PARAMOUNT SINTERS PRIVATE LIMITED, OF 1-A CANAL ROAD, RAMDASPEETH, NAGPUR-440 010, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

Inventors : (1) SUDHAKAR VINAYAK KOTHARI AND (2) ADITYA ISHWARPRakash CHOPRA.

Application No. 297/Bom/1985 filed on 25th October, 1985.

Complete after provisional left on 15th October, 1986.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

4 Claims

A seal device for effectively sealing the feed end or discharge end of a rotary retort furnace, said device comprising a feed end box or a discharge end box, said feed end box covering said feed end and having a feed end box plate removably fitted thereto and a feed inlet, said discharge end box covering said discharge end and having a discharge end box plate removably fitted thereto and a discharge outlet, said feed end box and discharge end box being provided with wheels and movable axially back and forth with respect to said feed end and discharge end respectively on the respective wheels, said wheels being movable on rails or tracks, a sleeve rigidly supported on said feed end or discharge end, a pair of rotary seal members spaced apart and rigidly supported on said sleeve, one of said rotary seal members being located in said feed end box or discharge end box and the other of said rotary seal members being located outside said feed end box or discharge end box, said rotary seal members each having a rim at the confronting surfaces thereof, a pair of slidable seal members disposed over said sleeve in a spaced apart relationship between said rotary seal members and suitable axially, one of said slidable seal members being rigidly connected to said feed end box or discharge end box and in the proximity of said one rotary seal member and the other of said slidable seal members being in the proximity of said other rotary seal member, said slidable seal members being in sliding contact provided by a pair of spaced apart concentric hollow cylindrical projections axially originating from confronting surfaces of said slidable seal members, clearance between said cylindrical projections and clearance between said cylindrical projections and said sleeve being gas/vapour tight sealed with known means such as O-rings, gland and/or packings, said slidable seal members each being provided with a projecting ring on its surface confronting the respective rotary seal member, the projecting rings of said slidable seal members registering with the rims of said rotary seal members, said slidable seal members being biased against the respective rotary seal members by springs such that the projecting rings continuously about the rims to seal the clearance between said rotary seal members and slidable seal members gas/vapour tight, said springs being located on and between said slidable seal members.

Prov. Specn. 8 pages.

Drg. 3 sheets

Comp. Specn. 12 pages.

Drg. Nil

Ind. CLASS : 271, 86D.

163500

Int. Cl. : A47B 96/04, 96/20.

Title : A SPACE DIVIDER SYSTEM.

Applicant & Inventor : ARUN KHANNA, Indian National, of 63/2, Koregaon Park, Poona-411 001, Maharashtra, India.

Application No. : 309/Bom/1986, Filed on 5th November, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

6 Claims.

1. A space divider system consisting in combination a vertical hollow open ended connector post of a predetermined length and a connector assembly, said connector post comprising a first plug like connector piece having radially stopping grooves on its surface terminating to a threaded hole therein, secured in and partially closing top end of hollow tubular post and a second plug like connector piece having radially directed circular cut-out with a radially sloping groove therein adjacent to the base of the said radially directed annular cut-out portion and a threaded aperture in the bottom side of the said second plug like connector piece secured in and partially closing the bottom end of said vertical hollow tubular post, cap means threadable in the said threaded aperture in the said first plug like connector piece with a portion thereof adapted to overlie said radially sloping groove in the upper surface of the said first plug like connector piece, adjustable post support and system leveller means threaded in the said threaded aperture in the bottom of said second plug like connector piece; and the said connector assembly comprising one or more, maximum four, space dividing panels, each of the said space dividing panels including a vertically disposed planer panel having an elongated overbend "C" channel secured to its vertical edge with light sealing and sound proofing means secured thereon, upper and lower connector hooks being adapted to be retained in the said radially sloping grooves in the said first and second connector pieces to thereby support said space divider panels on the said connector assembly and connector post and secured to the edge of said space dividing panels.

Complete specification : 11 pages.

Drawing : 6 sheets.

Int. Cl.⁴ : F21V 17/06

163501

A LIGHT ASSEMBLY PARTICULARLY BUT NOT EXCLUSIVELY FOR A MOTOR VEHICLE HEAD LIGHT ASSEMBLY.

Applicant : LUCAS INDUSTRIES PUBLIC LIMITED COMPANY, OF GREAT KING STREET, BIRMINGHAM, B 19 2XF, ENGLAND, A BRITISH COMPANY.

Inventor : PHILIP ARTHUR BAKER.

Application No. 884/Mas/84 filed November 17, 1984.

Convention date : November 19, 1983. (No. 8330925; Great Britain)

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

15 Claims.

A light assembly, particularly but not exclusively for a motor vehicle headlight assembly, comprising a reflector body (20) having a lamp-receiving aperture and an abutment surface which faces rearwardly of the lamp assembly; and a retaining device including a resilient element which is non-pivottally mounted on the body (20) and which has at least one resilient arm portion (14 or 44), said at least one resilient arm portion (14 or 44) serving, in use, to urge a forward-facing abutment surface on a lamp (21) in a first direction against the rearward facing abutment surface of the body (20), characterized in that the resilient element comprises an anchor portion (10 or 40) which is non-pivottally secured to a rearwardly extending sleeve (22) of the body (20) and which mounts said at least one resilient arm portion (14 or 44) so as to extend in cantilever fashion theretrom, and in that said at least one resilient arm portion (14 or 44) is so shaped, and connected with the anchor portion (10 or 40) that, with the anchor portion (10 or 40) non-pivottally secured to the sleeve (22), said at least one resilient arm portion (14 or 44) is movable transversely with respect to said first direction between an outer position in which the lamp can be engaged in the lamp receiving aperture and an inner position in which, in use, it retains the lamp in the aperture.

(Com. 22 pages; Drawgs. 4 sheets)

Int. Cl.⁴ : C25B 11/12.

163502

APPARATUS FOR CONTINUOUS PRODUCTION OF ELONGATE CARBON BODY.

Applicant : ELKAM A/S., a company incorporated under the laws of Norway, of Middel huns gate 27, Oslo 3, Norway.

Inventor : LEIF OLSON, WILLIAM VICTOR HELGE BRUFF.

Application No. 932/Mas/84 filed 29 November, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras-2.

8 Claims.

Apparatus for substantially continuous production of a baked elongate carbon body of substantially uniform cross sector comprising a furnace, a casing for the unbaked carbon material, means to pass said casing substantially continuously through the furnace, the said casing being provided with means through which gases evolved from the heated carbon material escapes.

Complete Specification 10 pages and drawings 1 sheets.

Int. Cl.⁴ : B05C 19/00

163503

AN APPARATUS FOR THE DEPOSITION OF MULTILAYER COATINGS ON SUBSTRATES.

Applicant : PILKINGTON BROTHERS P.L.C., a company incorporated under the ALWs of Great Britain of Prescot Road, St. Helens, Merseyside, WA10 3TT, England.

Inventor : JOSE MANUEL GALLEGOS.

Application No. 951/Mas/84 filed December 4, 1984.

Convention date : December 5, 1983. (No. 8332394 United Kingdom).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims.

An apparatus for the deposition of multi-layer coatings on substrates comprising at least 3 evacuable deposition chambers means for evacuating each of said deposition chambers and coating means in each of said deposition chambers for depositing a coating layer on a substrate, an evacuable transfer chamber with closable ports providing communication between said transfer chamber and each of said deposition chambers for transfer of a substrate to be coated between said deposition chambers, means for evacuating said transfer chamber, and transfer means for transferring a substrate between said deposition chambers via the transfer chamber.

(Com. 30 pages; Drawgs. 4 sheets).

Int. Cl.⁴ : B22C 9/00.

163504

MOLD FOR AND METHOD OF CONTINUOUS CASTING OF STEEL STRIP.

Applicant : SMS SCHLOEMANN-SIEMAG AG, a German company, of Stainstrasse 13, 4000 Dusseldorf, Federal Republic of Germany.

Inventor : MANFRED KOLAKOWSKI, HANS STREUBEL.

Application No. 998/Mas/84 filed 17 December 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras-2.

14 Claims.

A mold for continuously casting steel strip comprising: a pair of broad side walls juxtaposed spacedly with one another and formed with upper portions expanding outwardly to provide a downwardly converging funnel-shaped casting area; the said pair of broad side walls having cooling means; and a pair of narrow walls opposing each other and arranged between said broad side walls laterally outwardly of said funnel-shaped casting area, said broad side walls extending parallel to one another at a spacing corresponding to the width of a steel strip to be cast from said area towards the respective narrow walls.

Complete Specification 11 pages and drawings 3 sheets.

Int. Cl.⁴: F16G 1/28.

163505

METHOD AND APPARATUS FOR FORMING A COGGED BELT STRUCTURE.

MITSUBOSHI BELTING LTD., A JAPANESE CORPORATION, OF NO. 1-21, 4-CHOME, HAMAZOE-DORI, NAGATA-KU, KOBE-CITY, HYOGO, PREF, JAPAN.

Inventors: (1) KUNIHIRO FUJITA (2) HIDEAKI TANAKA (3) TOSHIAKI MAEBARA.

Application No. 1011/Mas/84 filed December 18, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

25 Claims.

The method of forming a cogged belt structure comprising the steps of:

- (a) extending a continuous looped vulcanizable belt preform element about a pair of axially parallel spaced support members;
- (b) press-forming a first preselected length portion of the element disposed between the support members to form a first longitudinally extending series of bogs therein;
- (c) vulcanizing the press-formed portion;
- (d) press-forming a second, similar length portion of the element extending from said first portion and disposed between the support members to form a second longitudinally extending series of cogs therein continuing from said first series;
- (e) vulcanizing the second press-formed portion;
- (f) repeating press-forming and vulcanizing steps if necessary until a final unformed portion of the belt extending from the last formed series of cogs and disposed between said support members has a length less than said preselected length;
- (g) longitudinally stretching said final unformed portion to cause it to have a length approximately equal to said preselected length;
- (h) press-forming said stretched first unformed portion to form a final longitudinally extending series of cogs therein to define a continuous series of substantially uniformly spaced cogs along the entire length of said looped element; and
- (i) vulcanizing the said final series of cogs.

(Com. 19 pages. Drwgs. 4 sheets)

Int. Cl.⁴: D01H 13/10

163506

A DEVICE FOR VARYING THE TRACTIVE FORCE AND TENSION ON A RUNNING THREAD.

Applicant: PALITEX PROJECT COMPANY GMBH, of Weeserweg 60, D-4150 Krefeld 1, Federal Republic of Germany.

Inventor: Dr. RAINER LORENZ.

Application No. 1037/Mas/84 filed 26 December 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras-2.

2 Claims.

A device for varying the tractive force and tension on a running thread being wound by a take-up mechanism in a thread processing machine, said device comprising:

a driven rotating drive shaft carried by said machine,

a thread roller rotatably mounted on said drive shaft for rotation with respect thereto for receiving the running thread on the surface thereof and for being driven by the running thread through adhesion, and

a clutch means operatively connecting said drive shaft and said thread roller for varying the torque of said thread roller and thus the tractive force and tension on the running thread by varying the driven rotational speed of said drive shaft while maintaining the constant winding speed of the running thread being wound by said take-up mechanism, said clutch means comprising magnetic means positioned on and rotating with said drive shaft and a disc of electrically highly conductive material attached to one end of said thread roller and one side facing said magnetic means and rotating with said thread roller and being spaced from said magnetic means for forming an air gap of predetermined distance to create a magnetic field of desired strength in said clutch means.

Complete Specification 12 pages and drawing 2 sheets.

Int. Cl.⁴: C10J 3/34.

163507

A PROCESS FOR GASIFICATION OF COAL.

Applicant: CHARBONNAGES DE FRANCE, of 9 avenue Percier, 75008 Paris, France, a French Company.

Inventor: SERGE DELESSARD, PIERRE, HENRI SAGNIER, ETIENNE ANDRE PALAT.

Application No. 10/Mas/85 filed 3 January, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras-2.

4 Claims.

A process for gasification of coal wherein the coal to be gasified is introduced directly into the fluidized bed, oxygen and steam are blown into the lower portion of the fluidized bed, ashes are collected in a molten condition at a fluidized bed base, the products discharged from the fluidized bed are successively directed to one or more devices for separating fines and gases, and the fines are recycled in the fluidized bed; characterised by injecting coal tailing of less than 0.1 mm size into the circulation of said products discharged from said fluidized bed, introducing the mixture of the resulting dried tailings and fines separately from said gases into the lower portion of the fluidized bed; thereby rendering the process adaptable to gasification of coal tailings.

Compl. specn. 10 pages.

Drws 1 sheet

CLASS : 163508 **Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)** Patent Office, Madras Branch

Int. Cl.^a : D 01 G 25/00.

A METHOD OF FORMING A LAP FROM A FIBEOUS WEB.

Applicant : MASCHINENFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventor : PETER BAECHINGER, GIANCARLO MONDINI.

Application No. 20/Mas/85 filed 10 January 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras-2.

4 Claims

A method of forming a lap from fibrous web, comprising the step of advancing the web in a predetermined path to a lap-forming location; forming the lap from the web at said lap-forming location; calendering the web in said path upstream of said lap-forming location; and preparing the web for the forming step in said path after calendering step and prior to reaching said lap-forming location by condensing the fibrous material of the web producing a substantially random dispositions at the major surface of the web to such an extent as to avoid entanglement of the fibres of successive convolutions of the lap.

Compl. specn. 22 pages.

Drgs. 14 sheets

CLASS : 163509 **163511**

Int. Cl.^a : B 42 C 1/00.

BOOKBINDING MACHINE.

Applicant : PORTALS ENGINEERING LIMITED, A BRITISH COMPANY, OF 10-12 LOMBARD ROAD, LONDON SW19 3XN, ENGLAND.

Inventor : ROBERT MICHAEL LEWIS.

Application No. 23/Mas/85 filed January 11, 1985.

Convention date : 3rd February, 1984. (No. 8402950; United Kingdom).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims

A bookbinding machine comprising a plurality of book clamps (4) drivable around a closed track, driving means (16) for the clamps describing a constant movement around the track and a plurality of processing stations (A-F) around the track with means for arresting a clamp (4) at one of the stations whilst the adjacent clamp (4) is advanced towards said station by driving means (16).

Compl. specn. 9 pages.

Drgs. 2 sheets

CLASS : 163510 **163512**

Int. Cl.^a : D 01 N 59-02, 59/06.

PREPARATION OF PESTICIDAL COMPOSITION FROM SULPHUR SLUDGE.

Applicant & Inventor : DR. P. Sivaprasad, Indian Gemini Arts Pvt. Ltd., 601, Mount Road, Madras-6, Tamil Nadu.

Application No. 590/Mas/86 filed July 24, 1986

Complete specification left on 27th May, 1987.

1 Claim

A process for the preparation of pesticidal composition containing calcium thiosulphate and polysulphides in which sulphur sludge from sulphuric acid plant and lime in the ratio 2 : 1 by weight are mixed with water 4 to 6 times the weight of the sludge and heated to boiling for 45 to 75 mts. after which the resultant mixture is cooled separating the clear supernatant liquid therefrom and this pesticidal composition is detoxified by known methods before storing in air tight containers.

The composition is useful as a pesticide against powdery meadow of vines and controlling spider mites.

Provisional specification 3 sheets No Drg. sheet

Complete specification 4 sheets No Drg. sheet

CLASS : 206-H & J. **163511**

Int. Cl. : H 03 f 21/00.

GATING AMPLIFIER.

Applicants & Inventors : 1. VALERY MIKHAILOVICH NAZAROV, OF ULITSA FLOTSKAYA 7, KORPUS 3, KV. 413, MOSCOW, USSR; (2) OLEG VIANOROVICH DAGADIN, OF ULITSA NARODNOGO, OPOLCHENIA, 25, KV. 21 MOSCOW, USSR.

Application No. 90/Cal/85 filed February 11, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A gating amplifier comprising an input stage, a gating stage whose input is connected to a first output of the input stage, a first output thereof being joined with a second output of the input stage to be the output of the amplifier, while a second output is connected to a common conductor, and a controllable time-setting circuit whose first lead-out and a control input are connected to the first output of the input stage, while a second lead-out is connected to the common conductor.

Compl. Specn. 7 pages.

Drg. 1 sheet

CLASS : 145-B & D. **163512**

Int. Cl. : D 21 f 5/00, 5/18.

STEAM HEATED DRUM HAVING STATIONARY SIPHON AND SPOILER BARS, AND A METHOD OF OBTAINING DRIED WEB MATERIAL THEREFROM.

Applicant : BELOIT CORPORATION, OF P.O. BOX 350, BELOIT WISCONSIN 53511, UNITED STATES OF AMERICA.

Inventors : JAMES LARRY CHANCE, GREGORY LYNN WEDEL.

Application No. 164/Cal/85 filed March 5, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

In combination in a steam heated hollow dryer drum adapted to be mounted for rotation with its perimeter in contact with a web to be dried, the drum defining a steam chamber within a shell having a thin cylindrical heat transfer wall and opposite end closures, means for introducing steam into the chamber, a stationary siphon within the chamber and having an intake head for drawing off condensate along an annular relatively narrow area of an inner surface of said wall adjacent to one of said end closures, and which narrow area rotates past said intake head, and comprising means for attaining efficiently uniform heat transfer through said wall, including:

spoiler bars extending longitudinally on a major area of said inner surface of said wall between said narrow area and the opposite end closure for effecting turbulence of condensate to improve heat transfer though said major area in the rotation of the drum;

and turbulence promoting means carried by said intake head and projecting toward said narrow annular area for effecting turbulence of the condensate and improved heat transfer in said narrow area as said narrow area rotates past said intake head.

Compl. Specn. 15 pages.

Drg. 2 sheets.

CLASS : 33-A.

163513

Int. Cl. B 22 d 1/00.

A METHOD OF AND APPARATUS FOR PREPARING CAST PRODUCTS SUCH AS STRIPS OR SLABS CASTING METAL.

Applicant : CONCAST SERVICE UNION AG., OF TO DISTRASSE 7, 8027 ZURICH/SWITZERLAND.

Inventor : FRITZ WILLIM.

Application No. 239/Cal/85 filed March 30, 1985

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

6 Claims

A method of preparing cast products such as strips or slabs by continuously casting metal in particular steel, in the form of strips or thin slabs, wherein the molten metal is poured, with the aid of a feed means, between four cooled walls rotating in the casting direction, and the circumferential surface of a casting drum cools a first wide side of the strip forming in the shaping cavity, a second cooled wall cools the other wide side of the forming strip, and two narrow side-walls, which are moved with the first or second cooled wall, are provided and cool the narrow sides of the substantially rectangular strip that forms, one of the two wide side-walls engaging between the narrow-side walls, wherein, after the metal has flowed into the shaping cavity, contact between the cooled narrow sides of the shaping cavity and the fluid metal is initially maintained only at a contact face which corresponds to only a fraction of the particular distance between the two wide-side cooling walls, and in that before reaching the contact face, the metal is cooled in a gap between the feed means and the wide side-wall engaging between the narrow side-walls, the cross-section of the gap opening corresponding substantially to the contact face.

Compl. Specn. 12 pages.

Drg. 2 sheets.

5—267 GI/88

Int. Cl. : B 29 d 30/00.

163514

TIRE CASING STRUCTURE.

Applicant & Inventor : JENG MAW LIN JANG, OF NO. 11, SAN-MING RD., NAN-SHIN LI, FUG-SHAN, KAOHSIUNG HSEIEN, TAIWAN, REPUBLIC OF GERMANY.

Application No. 423/Cal/85 filed June 5, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A tire casing having an inside surface, comprising a tubular inflatable puncture-sealing layer extending over the inside surface of the tire casing, said tubular puncture-sealing layer being made of interwoven flexible cords and rubberized and secured in the inner wall of the tire casing, whereby an object puncturing the tire casing and said tubular puncture-sealing layer and projecting between cords will be tightly engaged by the cords of said puncture-sealing layer around the object to seal the puncture without air escaping therefrom.

Compl. Specn. 8 pages.

Drg. 1 sheet

Int. Cl. : F 15 b 5/00.

163515.

DEVICE FOR INTERMITTENTLY SUBJECTING AXIALLY SHIFTABLE BITS OF A CUTTING HEAD TO THE ACTION OF PRESSURIZED FLUIDS.

Applicant : VOEST-ALPINE AKTIENGESELLSCHAFT OF A-4020 LINZ, MULDENSTRABE 5, AUSTRIA.

Inventors : 1. HERWIG WRULICH, 2. FRANZ SCHOEFMAN, 3. WILFRIED MAIER.

Application No. 176/Cal/86 filed March 10, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Device for intermittently subjecting axially shiftable bits of a cutting head to the action of pressurized fluid, in which device the bits are pressed in outward direction by a percussion piston under the action of the pressurized fluid and the percussion piston is retracted by the force of reaction of the bits with supply of pressurized fluid being deactivated, characterized in that the supply of pressurized fluid is controlled by a distributing slide valve (18) designed as a bushing and comprising in its mantle surface (24) perforations (22) being adapted for being connectable with passages (7) provided within the cutting head (3) and leading to the working chambers of the percussion pistons, the distributing slide valve (18) being not rotatable or being adapted for being driven with a rotating speed differing from the rotating speed of the cutting head (3).

Compl. Specn. 11 pages.

Drg. 3 sheets.

CLASS : 134-B.

163516.

CLASS : 32-A₁

Int. Cl. : B 62 m 25/00.

MOTORCYCLE GEAR MECHANISM.

Applicant : JAWA NARODNI PODNIK, TYNEC NAD SAZAVOU, CZECHOSLOVAKIA.

Inventors : 1. JAROSLAV SPANILY, 2. PAVEL JUSAK.

Application No. 371/Cal/86 filed May 15, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A gear mechanism of motorcycles and other vehicles consisting of a primary gear which joins a crankshaft through a clutch to a multi-speed gearbox mounted for removal together with a gearbox cover in common parts forming an engine case and a gear case; and of secondary gear connecting the gearbox to the rear wheel of the motorcycle, where the axes of the crankshaft, of the gearbox shafts and of the rear wheel are mutually parallel and where the gearbox is controlled by a gear shift mechanism consisting of a gear shift lever, an automatic gear shift device, a swivelling gear shift gate, the gear shift gate being equipped with slots formed on its cylindrical surface, pins of gear shift forks reaching into the said slots, the gear shift mechanism consisting further of a pressure lock member, characterized by the feature that the gear shift gate and the gear shift forks are placed in an inner space of the gearbox closed by a gearbox cover the automatic gear shift device and a lock device being placed on the outer side of the gearbox cover under a protecting cover.

Compl. Specn. 16 pages.

Drg. 5 sheets.

Int. Cl. : A 61 I 15/00.

163517.

A PROCESS FOR MAKING AN ADHESIVE BANDAGE.

Applicant : JOHNSON & JOHNSON PRODUCTS, INC., 501 GEORGE STREET, NEW BRUNSWICK, NEW JERSEY 08903, UNITED STATES OF AMERICA.

Inventors : 1. LOWELL SAFERSTEIN, 2. JULIUS ALFRED LINDQUIST, 3. STEPHEN JEFFREY WOLF.

Application No. 443/Cal/86 filed June 13, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A process for making an adhesive bandage of the type used on minor cuts and wounds which consists of a pressure-sensitive adhesive coated backing covered with perforated plastic film wound release cover with improved memostatic effect comprising carrying out but all steps otherwise used to manufacture said adhesive bandage, but additionally dissolving a polyethylene oxide having a molecular weight of at least 600,000 in a solvent, coating the resultant solution on the wound release cover, evaporating off the solvent leaving a very thin coating of polyethylene oxide on the wound release cover.

Compl. Specn. 24 pages.

Drg. 1 sheet.

Int. Cl. : C 09 b 29/00, 29/30.

A PROCESS FOR THE PREPARATION OF WATER-SOLUBLE NAPHTHYL-AZONAPHTHOL COMPOUNDS.

Applicant : HOECHST AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. FRITZ MEININGER, 2. HANS-JOACHIM BREDERECK.

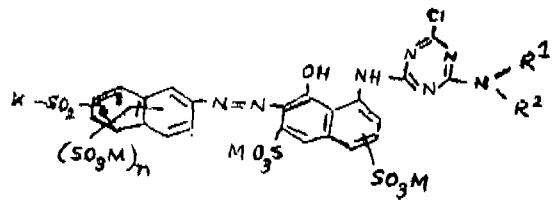
Application No. 703/Cal/86 filed September 23, 1986.

Division of Appl. No. 1478/Cal/83 dated 2nd December 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A process for the preparation of a water-soluble naphthyl azo naphthol compound corresponding to the general formula (1) of the accompanying drawings



(I)

in which R¹ denotes a hydrogen atom or an alkyl group having 1 to 4 carbon atoms, which can be substituted by one or two solubilizing groups or a hydroxy group;

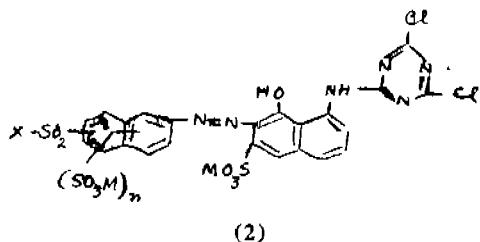
R² denotes a hydrogen atom or an alkyl group having 1 to 6 carbon atoms, which can be substituted by one or two solubilizing groups or hydroxy group, or denotes the phenyl radical or a naphthyl radical, it being possible for these phenyl and naphthyl radicals also to be substituted by 1, 2 or 3 substituents from the group comprising sulfo, carboxy, halogen, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, hydroxy and carbalkoxy having 2 to 5 carbon atoms, or denotes a cycloalkyl radical; X denotes the vinyl group or a β-thiosulfatoethyl, β-chloroethyl or β-sulfatoethyl group, the group -SO₂-X being bonded to the naphthalene radical in the 6- or 8-position;

n denotes the number zero, 1 or 2;

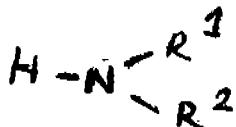
the group -SO³M, where M has the meaning given below, of no fixed position in the aminonaphthol radical is bonded to the naphthalene nucleus in the meta-position or para-position relative to the amino group; and

M denotes a hydrogen atom or an alkali metal, or the equivalent of a metal of main group 2 or 3 of the periodic table,

which process comprises reacting an azo compound of the general formula (2)



in which M, X and n have the meanings as given above and the group $-SO_2\text{-}x$ is bonded to the naphthalene nucleus in the 6- or 8-position and the sulfo group of no fixed position in the aminonaphthol radical is in the metal-or para-position relative to the amino group, with an amine of the formula (3).



in which R^1 and R^2 have the meanings as given above.

Compl. Specn. 19 Pages.

Drg. 1 sheet.

CLASS

163520

Int. Cl. : H 02 k 33/16.

ELECTROMAGNETIC OSCILLATION MOTOR.

Applicant : GRUZINSKY SELSKOKHOZYAISTVENNY INSTITUT, OF TBILISI, DIGOMI, USSR.

Inventors : 1. ROBINSON IVANOVICH XOVRELI, 2. ALEXANDR KONSTANTINOVICH DIDEBUGIDZE, 3. VALERY KHARITONOVICH KOCHIEV, 4. AMIRAN FEDOROVICH GASSEEV.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

An electromagnetic oscillation motor comprising asymmetrical four-pole armature with a. d. c. winding wherein the coils are connected in pairs wired in a matched-series fashion and received on the adjacent poles of the armature, the pairs of the coils being interconnected in opposition to each other, and an asymmetrical four-pole stator with an a.c. winding

including two paths connected in parallel, each path including two serially connected coils, the respective adjacent poles of the stator forming one pair where the poles are offset away from each other in opposite directions, while the adjacent poles of the stator forming the other pair are offset toward each other relative to the axes of symmetry of their corresponding poles of the armature through a distance equalling one half of the angular width of the poles of the stator, each path of the a.c. winding being received on its respective pair of the adjacent poles of the stator.

Compl. specn. 9 pages.

Drg. 1 sheet

CLASS :

163520

Int. Cl. : C 08 b 37/00.

PROCESS FOR PREPARING HIGH-PURITY DERMATAN SULPHATE.

Applicant : MEDOLANUM FARMACEUTICAL SRL, VIA S. GIUSEPPE COTTOLENGO 31, MILANO, ITALY.

Inventors : 1. RINALDO DEL BONO, 2. PIER LUIGI RUGARLI, 3. LUIGI DEAMBROSI, 4. GIANNI FERRARI, 5. PIER GIUSEPPE PAGELA.

Application No. 235/Cal/87 filed March 25, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

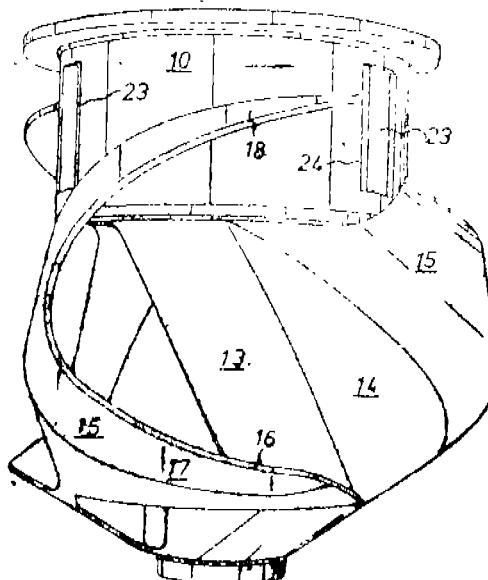
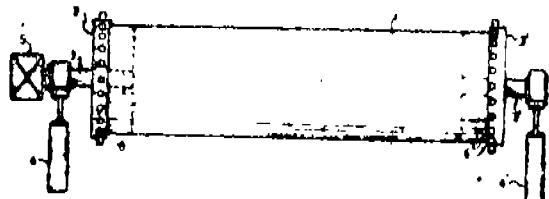
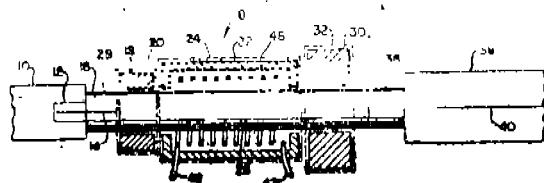
A process for preparing dermatan sulphate (DS) of pharmaceutical purity from animal organs rich in mucopolysaccharides (MPS), comprising the following essential stages :

(a) stabilising the fresh organs by freezing them either as such or in the form of powder, (b) micronising the stable material containing the MPS with an aqueous CaCl_2 solution, (c) digesting the homogenate comprising the raw material and the CaCl_2 with proteolytic enzymes at a pH of between 7 and 9 and at a temperature of between 40° and 55°C, (d) acidifying, heating and filtering the lysate, (e) treating the filtrate with quaternary ammonium salt able to undergo complexing with and thus precipitate either the DS alone or all the MPS selectively, (f) recovering and purifying the DS from the ammonium complex which contains it.

Compl. specn. 24 pages.

Drg. 1 sheet

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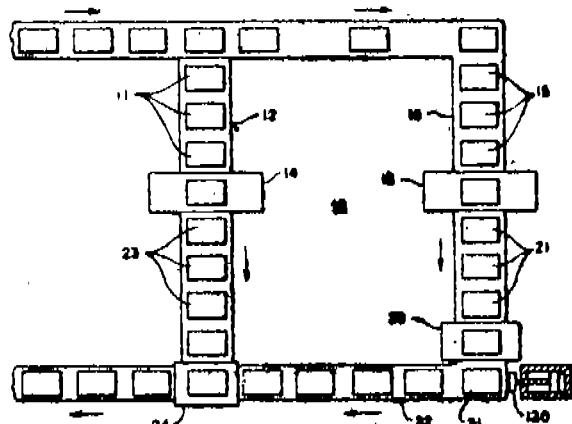
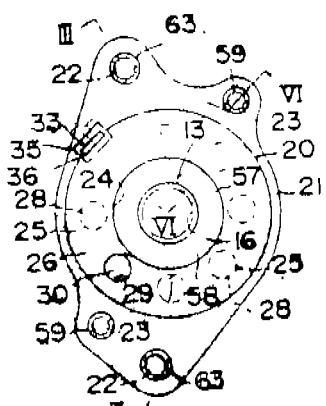


FIG. 1

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163475

FIG 1

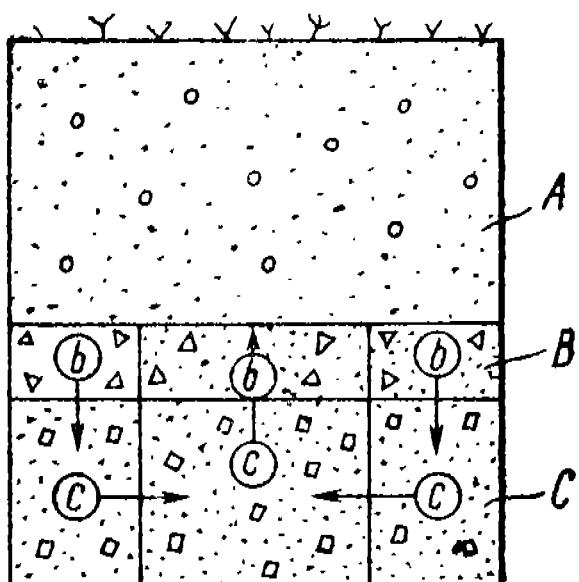
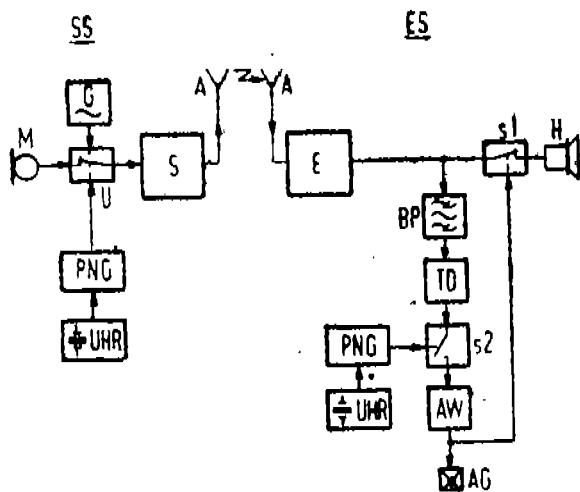
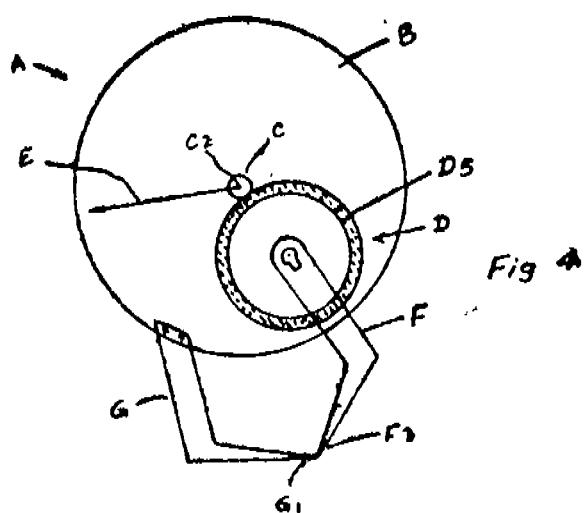


FIG.1

163481



163485

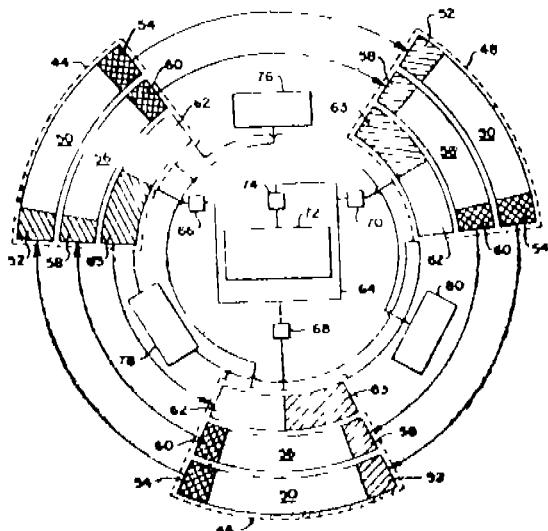
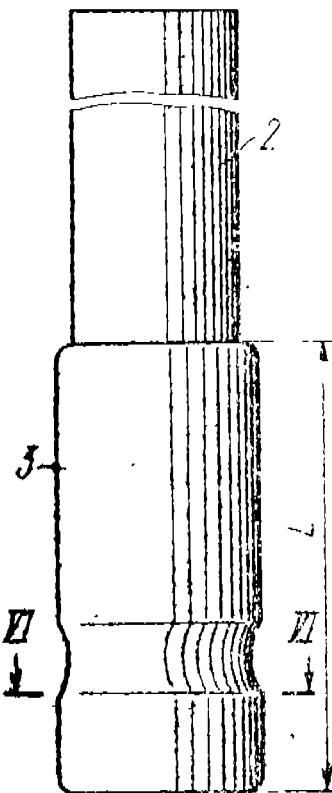
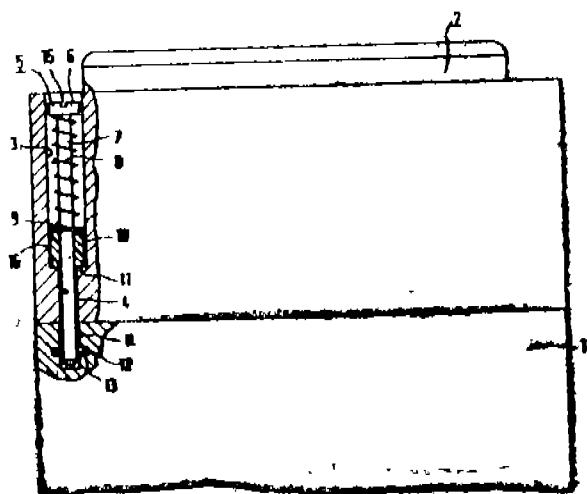


FIG. 1

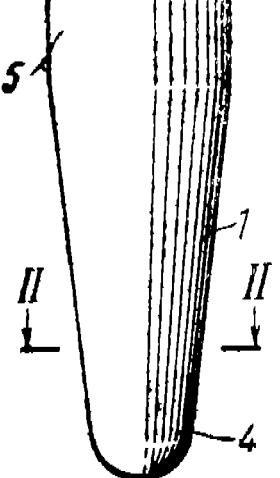
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The diagram illustrates a cross-section of a circular filter element. The outer boundary is labeled 1. Inside, there is a central cavity labeled 7 containing a porous medium represented by horizontal hatching. A thin, dark ring labeled 5 surrounds the inner cavity. Two vertical ports, labeled 2 at the top and 6 at the bottom, extend from the outer edge into the filter. Each port has a flared section labeled 3 at the top and a valve or closure labeled 4 at the bottom.



163491

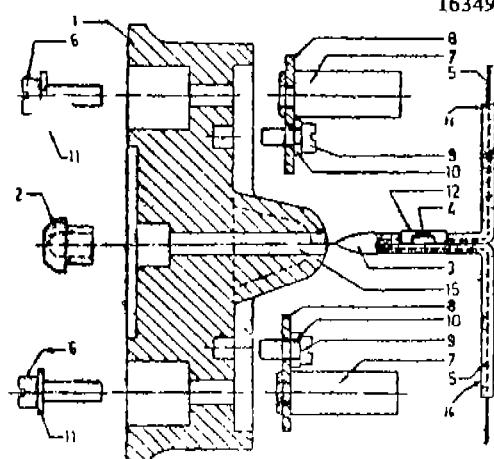
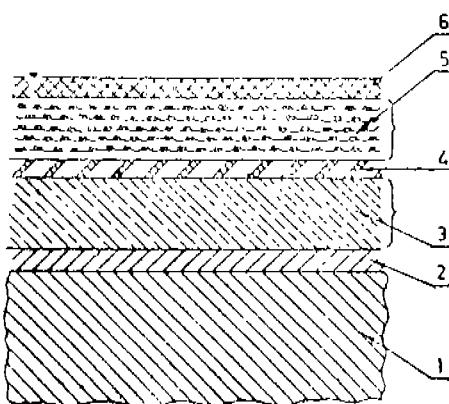


FIG. 2

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163492

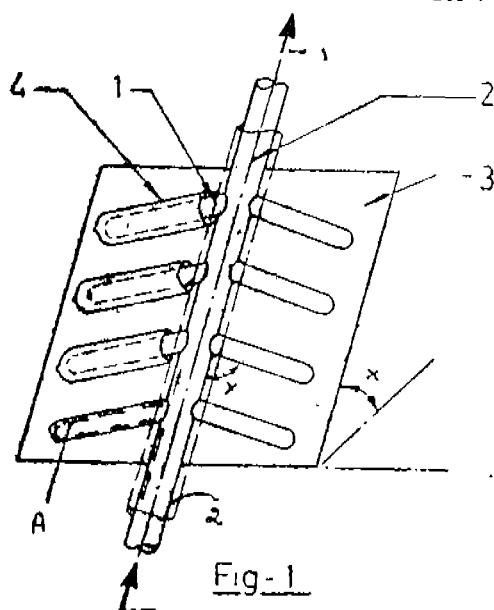
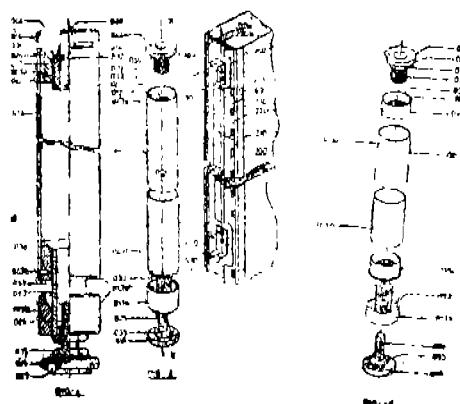


Fig. 1

163500



163493

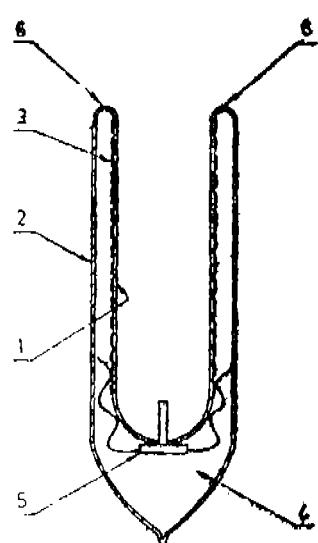
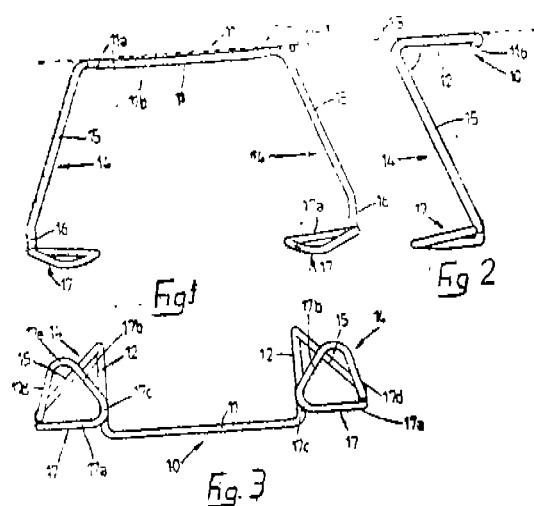


FIG. 1

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163503

163501

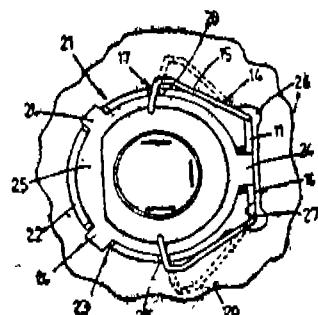
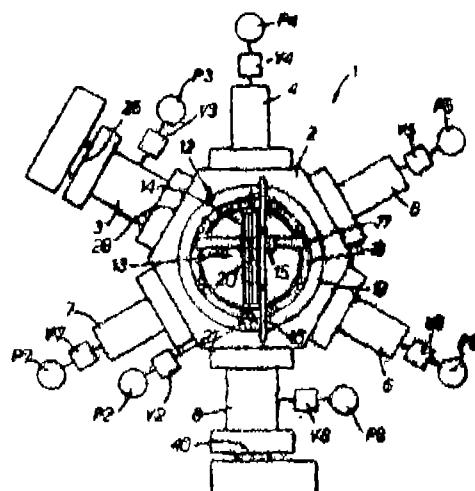


Fig. 4



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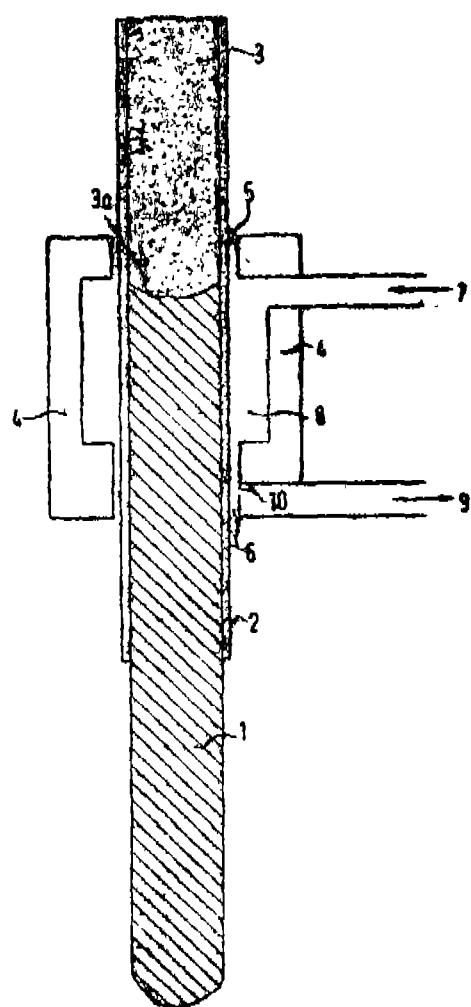
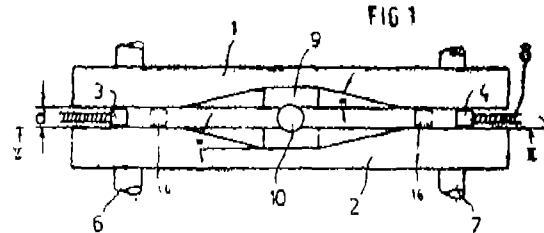
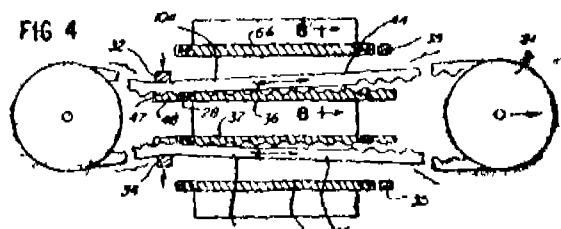


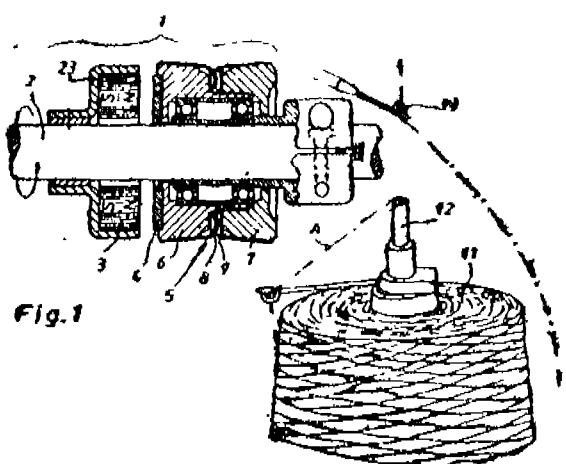
FIG. 1



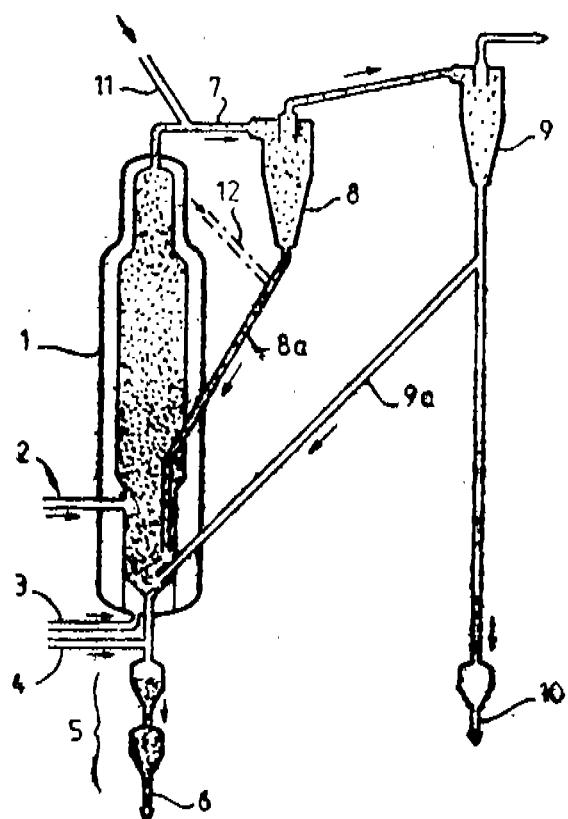
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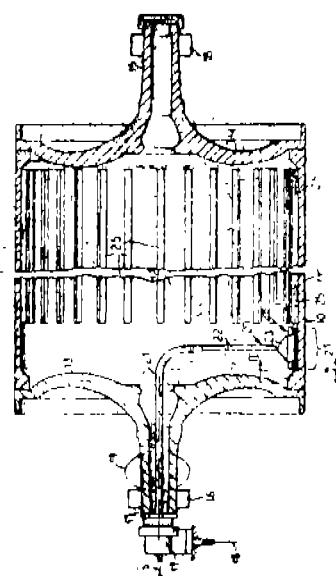
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163513



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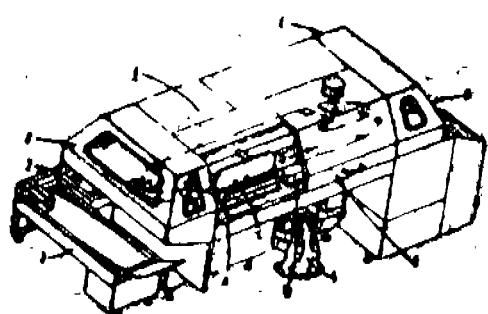
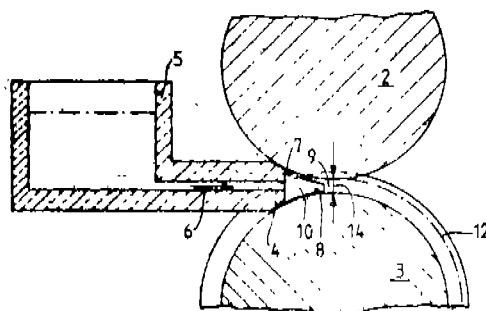
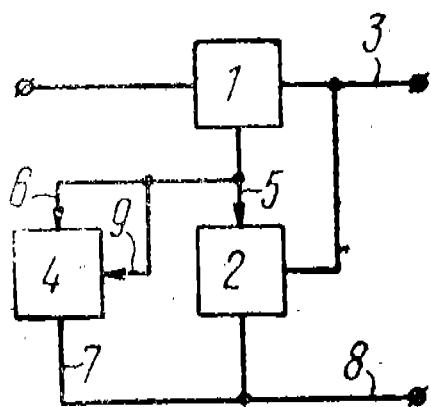


Fig. 1



163511



163514

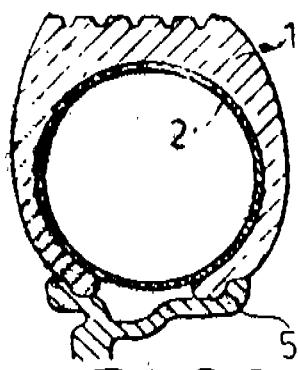
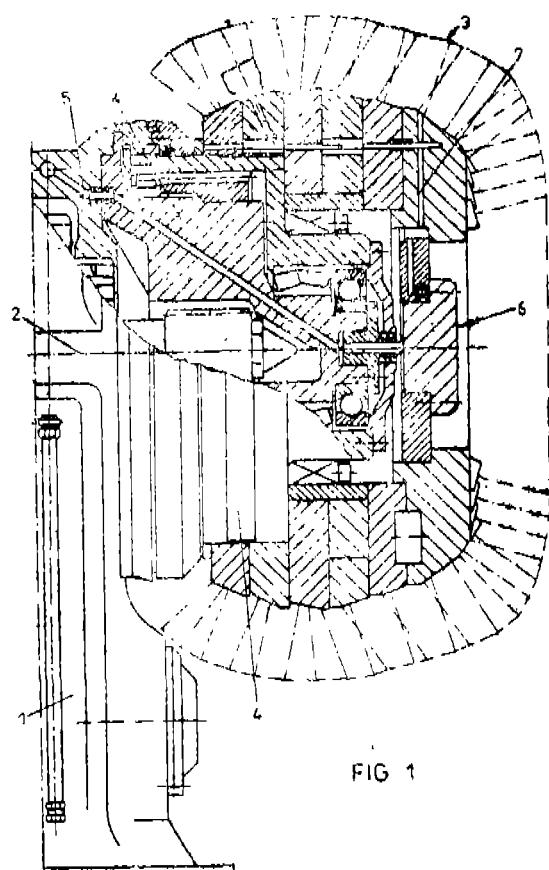


FIG. 1

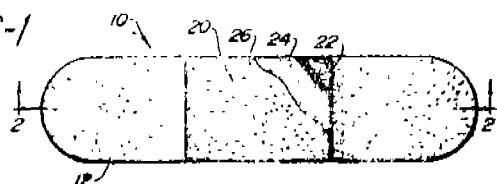
FIG. 2

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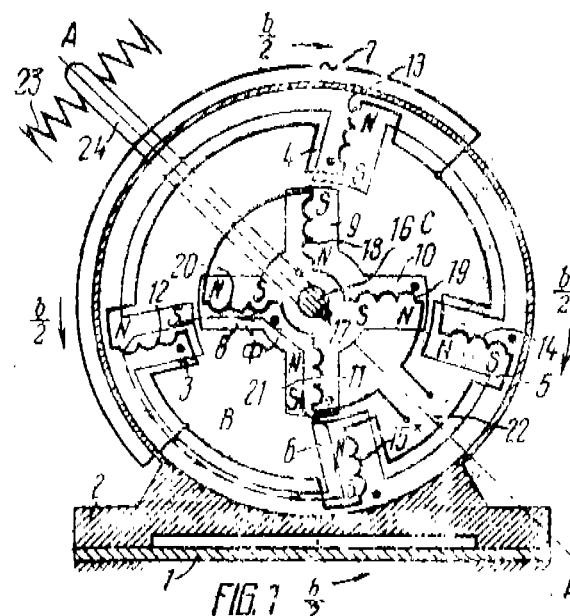


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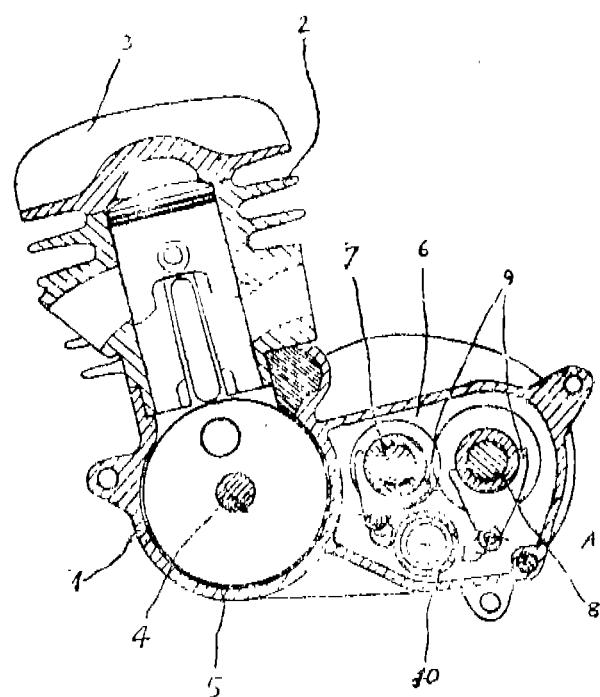
FIG-1



163519



163516



R. A. ACHARYA
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